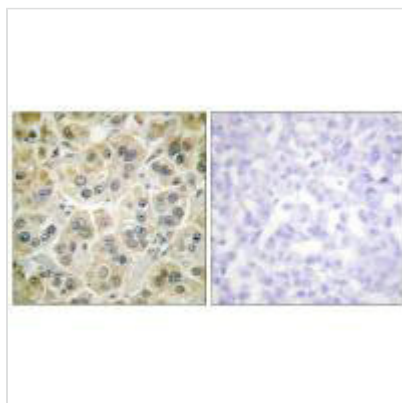




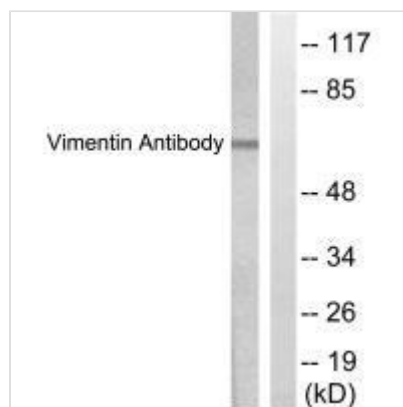
# VIM Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA233606                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Uniprot No.</b>         | P08670                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>           | Synthesized peptide derived from Internal of Human vimentin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species Reactivity</b>  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity</b>         | The antibody detects endogenous levels of total vimentin protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tested Applications</b> | ELISA,WB,IHC;WB:1:500-1:3000,IHC:1:50-1:100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Relevance</b>           | <p>Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2.</p> <p>WB Isaacs, J. Biol. Chem., Oct 1989; 264: 17953 - 17960.<br/> Patric Turowski, Mol. Biol. Cell, Jun 1999; 10: 1997.<br/> Melanie L. Styers, J. Cell Sci., Sep 2006; 119: 3643 - 3654.<br/> Qing-Fen Li, J. Biol. Chem., Nov 2006; 281: 34716 - 34724.</p> |
| <b>Form</b>                | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification Method</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Alias</b>               | VIME; vimentin;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Product Type</b>        | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Target Names</b>        | VIM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

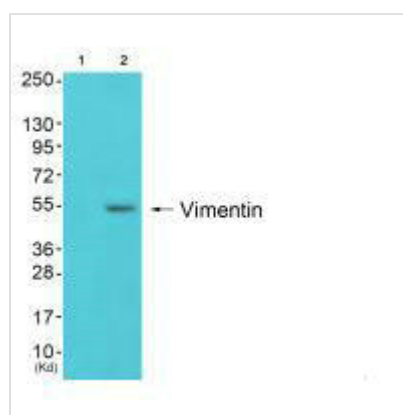
## Image



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Vimentin antibody.



Western blot analysis of extracts from HepG2 cells, treated with Adriamycin (0.5uM, 5hours), using Vimentin antibody.



Western blot analysis of extracts from 293 cells (Lane 2), using Vimentin antibody. The lane on the left is treated with synthesized peptide.