

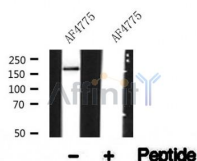
## HER4/ErbB4 Ab

Cat.#: AF4775  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Rabbit

Mol.Wt.: 180kDa  
Clonality: Polyclonal

|                               |                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application:                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                             |
| Reactivity:                   | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                             |
| Purification:                 | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).                                                                                                                                                                                                                   |
| Specificity:                  | HER4/ErbB4 Ab detects endogenous levels of HER4/ErbB4.                                                                                                                                                                                                                                                                                      |
| Immunogen:                    | A synthesized peptide derived from human HER4/ErbB4.                                                                                                                                                                                                                                                                                        |
| Uniprot:                      | Q15303                                                                                                                                                                                                                                                                                                                                      |
| Subcellular Location:         | Membrane and Nucleus. Following proteolytical processing E4ICD (E4ICD1 or E4ICD2 generated from the respective isoforms) is translocated to the nucleus. Significantly more E4ICD2 than E4ICD1 is found in the nucleus. E4ICD2 colocalizes with YAP1 in the nucleus.                                                                        |
| Tissue Specificity:           | Expressed at highest levels in brain, heart, kidney, in addition to skeletal muscle, parathyroid, cerebellum, pituitary, spleen, testis and breast. Lower levels in thymus, lung, salivary gland, and pancreas. Isoform JM-A CYT-1 and isoform JM-B CYT-1 are expressed in cerebellum, but only the isoform JM-B is expressed in the heart. |
| Similarity:                   | Belongs to the protein kinase superfamily. Tyr protein kinase family. EGF receptor subfamily.                                                                                                                                                                                                                                               |
| Storage Condition and Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.                                                                                                                                                                                |



Western blot analysis of HER4/ErbB4 in lysates of T-47D , using HER4/ErbB4 Ab(AF4775).

---

in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

---

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.