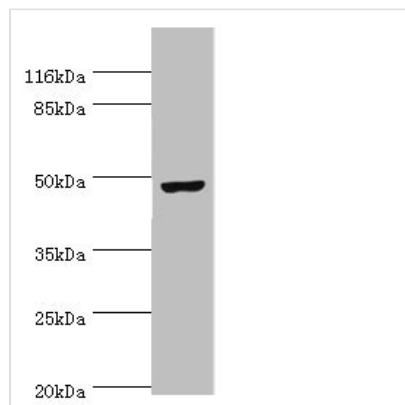


# CKMT2 Antibody

|                            |                                                                                                                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA005462ESR2HU                                                                                                                                                                                                                                                                            |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                 |
| <b>Uniprot No.</b>         | P17540                                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>           | Recombinant Human Creatine kinase S-type, mitochondrial protein (40-230AA)                                                                                                                                                                                                                    |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                        |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                         |
| <b>Tested Applications</b> | ELISA, WB, IHC; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200                                                                                                                                                                                                                         |
| <b>Relevance</b>           | Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                        |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                                                                                                                                                                                             |
| <b>Purification Method</b> | Antigen Affinity Purified                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                           |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                    |
| <b>Alias</b>               | Creatine kinase S-type, mitochondrial (EC 2.7.3.2) (Basic-type mitochondrial creatine kinase) (Mib-CK) (Sarcomeric mitochondrial creatine kinase) (S-MtCK), CKMT2                                                                                                                             |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                         |
| <b>Research Area</b>       | Tags & Cell Markers                                                                                                                                                                                                                                                                           |
| <b>Target Names</b>        | CKMT2                                                                                                                                                                                                                                                                                         |

## Image



### Western blot

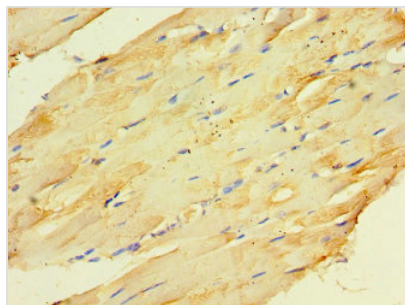
All lanes: CKMT2 antibody at 6µg/ml + HeLa whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 48 kDa

Observed band size: 48 kDa



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using CSB-PA005462ESR2HU at dilution of 1:100