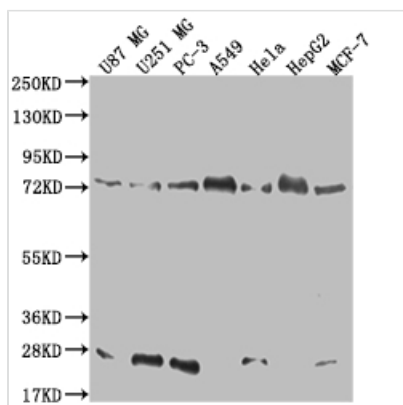




CAPN2 Recombinant Monoclonal Antibody

| | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | CSB-RA899086A0HU |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Uniprot No. | P17655 |
| Immunogen | A synthesized peptide derived from human CAPN2 |
| Species Reactivity | Human |
| Tested Applications | ELISA, WB; Recommended dilution: WB:1:500-1:2000 |
| Relevance | Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves MYOC at 'Arg-226' (PubMed:17650508). Proteolytically cleaves CPEB3 following neuronal stimulation which abolishes CPEB3 translational repressor activity, leading to translation of CPEB3 target mRNAs (By similarity). {ECO:0000250 UniProtKB:O08529, ECO:0000269 PubMed:17650508}. |
| Form | Liquid |
| Conjugate | Non-conjugated |
| Storage Buffer | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| Purification Method | Affinity-chromatography |
| Isotype | Rabbit IgG |
| Clonality | Monoclonal |
| Product Type | Recombinant Antibody |
| Immunogen Species | Homo sapiens (Human) |
| Research Area | Cancer; Cell biology; Metabolism; Signal transduction |
| Target Names | CAPN2 |
| Clone No. | 17E9 |

Image



Western Blot

Positive WB detected in: U87 whole cell lysate, U251 whole cell lysate, PC3 whole cell lysate, A549 whole cell lysate, HeLa whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate

All lanes: CAPN2 antibody at 1:500

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 80, 72 kDa

Observed band size: 72-95 kDa



Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.