

## Anti-Calpain 2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

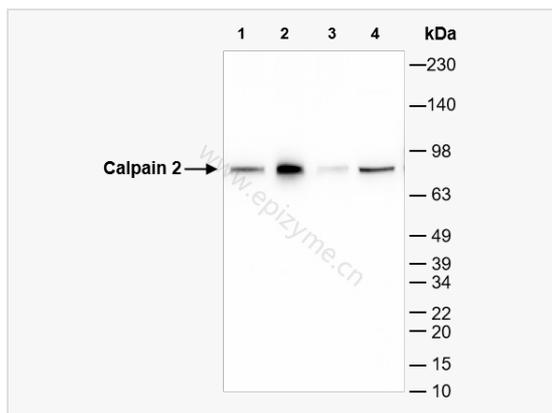
Catalog # R014510

### Product Information

Application	ELISA, WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	98N06F86
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Calpain 2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Calpain 2 Rabbit mAb [98N06F86] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Calcium activated neutral proteinase 2, Calcium activated neutral proteinase, Calcium-activated neutral protease 2, catalytic subunit, Calcium-activated neutral proteinase 2, CALP80, Calpain 2 (m/II) large subunit, Calpain 2 catalytic subunit, Calpain 2 large catalytic subunit, Calpain 2 large subunit, Calpain 2, large [catalytic] subunit, Calpain large polypeptide L2, Calpain M type, Calpain M-type, Calpain-2 catalytic subunit, Calpain-2 large subunit, Calpain2, CAN2_HUMAN, CANP 2, CANP L2, CANP2, CANPL 2, CANPL2, CANPml, Capa2, CAPN 2, CAPN2, FLJ39928, M calpain, M calpin, M type, M-calpain, mCANP, Millimolar calpain, Millimolar-calpain.
Calculated MW	Calculated MW: 80 kDa; Observed MW: 80 kDa
Uniprot ID	P17655
Gene ID	824
Background	Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction.
Cellular Location	Cytoplasm. Cell membrane. Translocates to the plasma membrane upon Ca(2+) binding.
Tissue Location	Ubiquitous.



Western Blot - Anti-Calpain 2 Rabbit mAb [98N06F86]

All lanes: R014510 at 1:1,000 dilution

Lane 1: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 2: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 3: U2OS (Human osteosarcoma epithelial cell) whole cell lysates

Lane 4: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 80 kDa

Observed band size: 80 kDa

Developed using the ECL technique (Cat. No. SQ201).