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[Primary Antibody]

Recombinant Rabbit Anti-CAPN1 Monoclonal Antibody

Catalog Number: SLA1570M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	8G1
GeneID:	823
SWISS:	P07384
Target:	CAPN1
Immunogen:	A synthesized peptide derived from human Calpain 1 catalytic subunit
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	ICC/IF (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	82 kDa
Subcellular Location:	Cytoplasm
Background:	Calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves CTBP1 at 'Asn-375', 'Gly-387' and 'His-409'. Cleaves and activates caspase-7 (CASP7).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.