

Rabbit Calpain 2 Polyclonal Antibody | anti-CAPN2 antibody

Calpain 2 Polyclonal Antibody

CATALOG # AAA179382	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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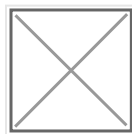
PRODUCT SYNONYMS

Calpain 2; Polyclonal Antibody; Calpain 2 Polyclonal Antibody; CAPN2; CANP2; CANPL2; CANPml; mCANP; calpain 2; anti-CAPN2 antibody

PRODUCT SPECIFICATIONS

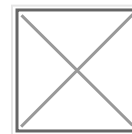
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CAPN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Calpain 2
Research Area	Cancer, Cell Biology, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



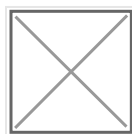
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using [KO Validated] Calpain 2 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



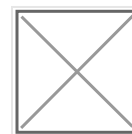
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using [KO Validated] Calpain 2 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using [KO Validated] Calpain 2 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using Calpain 2 Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using Calpain 2 Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CAPN2 antibody	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CAPN2 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	225703100
NCBI GeneID	824
NCBI Accession #	NP_001139540.1
NCBI GenBank Nucleotide #	NM_001146068.1
UniProt Accession #	P17655 ; Q16738 ; Q6PJT3 ; Q8WU26 ; Q9HBB1 ; A6NDG7 ; B7ZA96 ; E7ES58
Molecular Weight	79,995 Da
NCBI Official Full Name	calpain-2 catalytic subunit isoform 2
NCBI Official Synonym Full Names	calpain 2, (m/II) large subunit
NCBI Official Symbol	CAPN2
NCBI Official Synonym Symbols	CANP2; mCANP; CANPL2; CANPml
NCBI Protein Information	calpain-2 catalytic subunit; CANP 2; M-calpain; calpain M-type; millimolar-calpain; calpain-2 large subunit; calpain 2, large subunit; calpain large polypeptide L2; calpain, large polypeptide L2; calpain 2, large [catalytic] subunit; calcium-activated neu
UniProt Protein Name	Calpain-2 catalytic subunit
UniProt Gene Name	CAPN2
UniProt Synonym Gene Names	CANPL2; CANP 2; M-calpain
UniProt Entry Name	CAN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.