

Rabbit CAPN2 Polyclonal Antibody | anti-CAPN2 antibody

CAPN2 Polyclonal Antibody

CATALOG # AAA311310	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

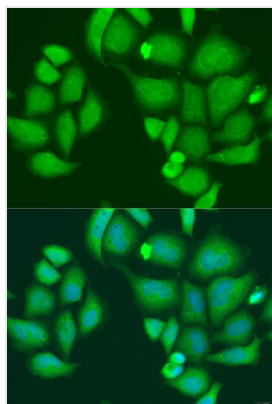
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

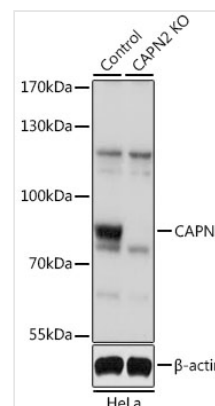
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-CAPN2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CAPN2 (NP_001739.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



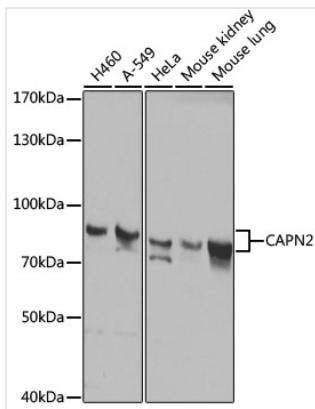
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using CAPN2 antibody.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and CAPN2 knockout (KO) 293T cells, using CAPN2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CAPN2 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

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	157389005
NCBI GeneID	824
NCBI Accession #	NP_001739.2
NCBI GenBank Nucleotide #	NM_001748.4
UniProt Accession #	P17655; Q16738; Q6PJT3; Q8WU26; Q9HBB1; A6NDG7; B7ZA96; E7ES58
Molecular Weight	71,476 Da
NCBI Official Full Name	calpain-2 catalytic subunit isoform 1
NCBI Official Synonym Full Names	calpain 2
NCBI Official Symbol	CAPN2
NCBI Official Synonym Symbols	CANP2; mCANP; CANPL2; CANPml
NCBI Protein Information	calpain-2 catalytic subunit
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.