

Rabbit anti-Human, Mouse CAPN12 Polyclonal Antibody | anti-CAPN12 antibody

CAPN12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324541	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

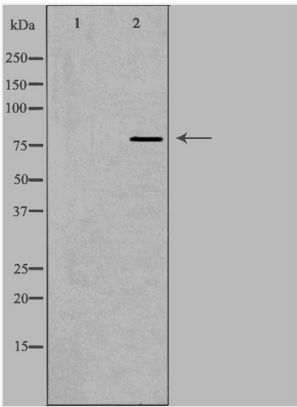
PRODUCT SYNONYMS

CAPN12; Polyclonal Antibody; CAPN12 Antibody; Calcium-activated neutral proteinase 12; Calpain-12; Calpain12; CAN12_HUMAN; CANP 12; CAPN 12; EC 3.4.22.; MGC20576; anti-CAPN12 antibody

PRODUCT SPECIFICATIONS

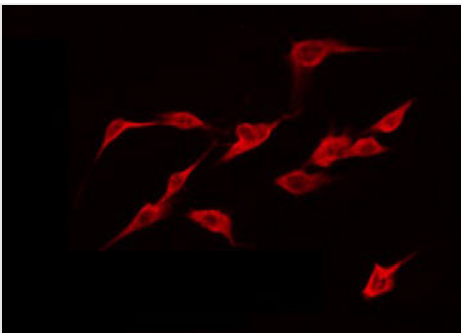
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CAPN12 antibody detects endogenous levels of total CAPN12
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	719
Applicable Applications for anti-CAPN12 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	Pig, Bovine, Sheep, Dog
Similarity	Pig (82%), Bovine (91%), Sheep (82%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH-3T3 cells using CAPN12 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324541 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CAPN12 antibody	Function: Calcium-regulated non-lysosomal thiol-protease. Similarity: Belongs to the peptidase C2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38707981
NCBI GeneID	147968
NCBI Accession #	NP_653292.2
NCBI GenBank Nucleotide #	NM_144691.4
UniProt Accession #	Q6ZSI9
Molecular Weight	Observed: 80 kD Predicted: 82 kDa
NCBI Official Full Name	calpain-12
NCBI Official Synonym Full Names	calpain 12
NCBI Official Symbol	CAPN12
NCBI Protein Information	calpain-12
UniProt Protein Name	Calpain-12
UniProt Gene Name	CAPN12
UniProt Synonym Gene Names	CANP 12

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/capn12-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324541>