

Rabbit anti-Human CAPN9 Polyclonal Antibody | anti-CAPN9 antibody

CAPN9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324542	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

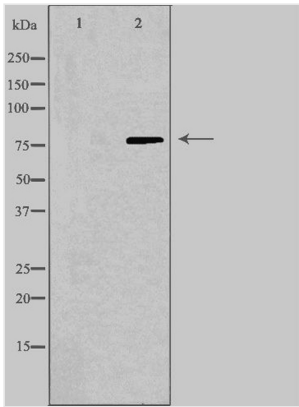
PRODUCT SYNONYMS

CAPN9; Polyclonal Antibody; CAPN9 Antibody; Calpain-9; Calpain9; CAN9_HUMAN; CAPN 9; CG36 protein; Digestive tract specific calpain; Digestive tract-specific calpain; GC36; nCL-4; nCL4; New calpain 4; novel calpain large subunit-4; novel calpain large subunit4; OTTHUMP00000035899; OTTHUMP00000035900; Protein CG36; anti-CAPN9 antibody

PRODUCT SPECIFICATIONS

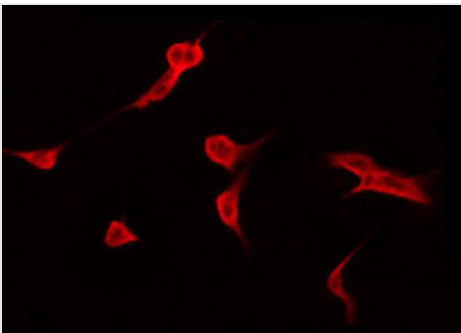
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CAPN9 antibody detects endogenous levels of total CAPN9
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	627
Applicable Applications for anti-CAPN9 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Expressed predominantly in stomach.
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 HuvEc cells, using CAPN9 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324542 staining HuvEc 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-CAPN9 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 #	985567541
NCBI GeneID	10753
NCBI Accession #	NP_001306605.1
NCBI GenBank Nucleotide #	NM_001319676.1
UniProt Accession #	O14815; Q9NS74; B1APS1; B1AQI0
Molecular Weight	Observed: 79 kD Predicted: 80 kDa
NCBI Official Full Name	calpain-9 isoform 3
NCBI Official Synonym Full Names	calpain 9
NCBI Official Symbol	CAPN9
NCBI Official Synonym Symbols	GC36; nCL-4
NCBI Protein Information	calpain-9
UniProt Protein Name	Calpain-9
UniProt Gene Name	CAPN9
UniProt Synonym Gene Names	NCL4; nCL-4

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.