

Rabbit CAPN9 Polyclonal Antibody | anti-CAPN9 antibody

CAPN9 Polyclonal Antibody

CATALOG # AAA175888	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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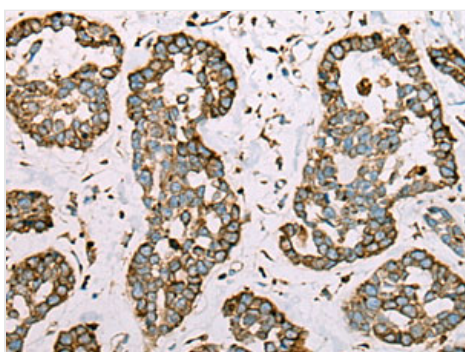
PRODUCT SYNONYMS

CAPN9; Polyclonal Antibody; CAPN9 Polyclonal Antibody; Calpain-9; Calpain9; CAN9; CAPN 9; CG36 protein; nCL4; New calpain 4; anti-CAPN9 antibody

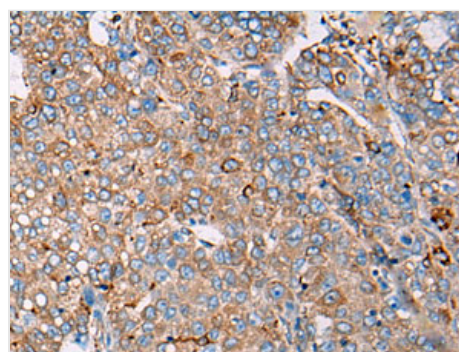
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.5mg/mL (varies by lot)
Sequence Length	690
Applicable Applications for anti-CAPN9 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CAPN9
Conjugation	Unconjugated
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CAPN9 Polyclonal Antibody at dilution of 1:45(×200


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CAPN9 Polyclonal Antibody at dilution of 1:45(×200

ADDITIONAL INFORMATION

Related Product Information for anti-CAPN9 antibody	Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The protein encoded by this gene is expressed predominantly in stomach and small intestine and may have specialized functions in the digestive tract. This gene is thought to be associated with gastric cancer. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.CAPN9 (Calpain 9) is a Protein Coding gene. Diseases associated with CAPN9 include Gastric Cancer. Among its related pathways are Degradation of the extracellular matrix and Arrhythmogenic right ventricular cardiomyopathy (ARVC). GO annotations related to this gene include calcium ion binding and calcium-dependent cysteine-type endopeptidase activity. An important paralog of this gene is CAPN3.
Product Categories/Family for anti-CAPN9 antibody	Cell Biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729758
NCBI GeneID	10753
NCBI Accession #	NP_006606
NCBI GenBank Nucleotide #	NP_006606.1
UniProt Accession #	O14815
NCBI Official Full Name	calpain-9 isoform 1
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
UniProt Entry Name	CAN9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/capn9-antibody-immunohistochemistry-elisa/175888>