

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

CAPN9 Antibody

CATALOG # AAA310310	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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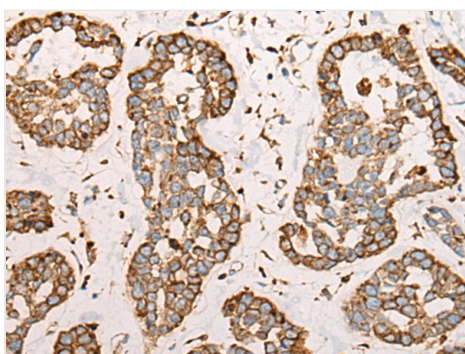
PRODUCT SYNONYMS

CAPN9; Polyclonal Antibody; CAPN9 Antibody; GC36; nCL-4; anti-CAPN9 antibody

PRODUCT SPECIFICATIONS

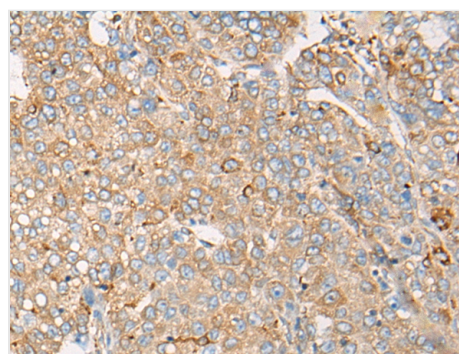
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CAPN9 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.1mg/ml (varies by lot)
Sequence Length	690
Applicable Applications for anti-CAPN9 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to internal residues of human CAPN9
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46401(CAPN9 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46401(CAPN9 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)

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.
Product Categories/Family for anti-CAPN9 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729758
NCBI GeneID	10753
NCBI Accession #	NP_006606
NCBI GenBank Nucleotide #	NM_006615.2
UniProt Accession #	O14815; Q9NS74; B1APS1; B1AQI0
Molecular Weight	76,168 Da
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

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/capn9-antibody-immunohistochemistry-elisa/310310>