

Rabbit anti-Human HAPLN1 Polyclonal Antibody | anti-HAPLN1 antibody

HAPLN1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283840	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

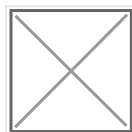
PRODUCT SYNONYMS

HAPLN1; Polyclonal Antibody; HAPLN1 Antibody (N-term); Hyaluronan and proteoglycan link protein 1; Cartilage-linking protein 1; Cartilage-link protein; Proteoglycan link protein; CRTL1; anti-HAPLN1 antibody

PRODUCT SPECIFICATIONS

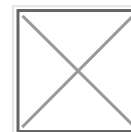
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HAPLN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-38 amino acids from the N-terminal region of human HAPLN1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	10-38
Sequence Length	354
Applicable Applications for anti-HAPLN1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

HAPLN1 Antibody (N-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

HAPLN1 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HAPLN1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

HAPLN1 Antibody (N-term) western blot analysis in MCF-7(lane 1),Jurkat(lane 2),HepG2(lane 3) cell line lysates (35ug/lane).This demonstrates the HAPLN1 antibody detected the HAPLN1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HAPLN1 antibody	HAPLN1 belongs to the HAPLN family. It contains 1 Ig like V type (immunoglobulin like) domain and 2 Link domains. This protein stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the extracellular cartilage matrix.
Product Categories/Family for anti-HAPLN1 antibody	Signal Transduction
References	Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) Cenit, M.D., et al. Mult. Scler. 15(8):913-917(2009) Ivanova, A.V., et al. Clin. Cancer Res. 15(8):2602-2611(2009) Murabito, J.M., et al. BMC Med. Genet. 8 SUPPL 1, S6 (2007) Seyfried, N.T., et al. J. Biol. Chem. 280(7):5435-5448(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503053
NCBI GeneID	1404
NCBI Accession #	NP_001875.1
NCBI GenBank Nucleotide #	NM_001884.3
UniProt Accession #	P10915; B2R9A9
Molecular Weight	40166
NCBI Official Full Name	hyaluronan and proteoglycan link protein 1
NCBI Official Synonym Full Names	hyaluronan and proteoglycan link protein 1
NCBI Official Symbol	HAPLN1
NCBI Official Synonym Symbols	CRT1; CRTL1
NCBI Protein Information	hyaluronan and proteoglycan link protein 1
UniProt Protein Name	Hyaluronan and proteoglycan link protein 1
UniProt Gene Name	HAPLN1
UniProt Synonym Gene Names	CRTL1; Cartilage-link protein
UniProt Entry Name	HPLN1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hapln1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283840>