

Rabbit HAPLN1 Polyclonal Antibody | anti-HAPLN1 antibody

HAPLN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323670	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HAPLN1; Polyclonal Antibody; HAPLN1 Antibody; Cartilage link protein; cartilage linking protein 1; Cartilage-link protein; Cartilage-linking protein 1; CLP; CRTL1; Crtl1; HPLN1_HUMAN; Hyaluronan and proteoglycan link protein 1; Hyaluronan and proteoglycan link protein 1 precursor; LP; Proteoglycan link protein; anti-HAPLN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HAPLN1 antibody detects endogenous levels of total HAPLN1
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	354
Applicable Applications for anti-HAPLN1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HAPLN1
Subcellular Location	Secreted, Extracellular Space, Extracellular Matrix.
Tissue Specificity	Widely expressed. Weakly expressed in the brain.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323670 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA323670 staining HepG2 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.



WB (Western Blot)

Western blot analysis of HAPLN1 using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-HAPLN1 antibody

Function: Stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the extracellular cartilage matrix.
Similarity: Belongs to the HAPLN family.

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	Observed: 48 kDa Predicted: 41 kDa
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

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://stage.aaabiotech.com/polyclonal/hapln1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323670>