

HAPLN1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9791A**Specification**

HAPLN1 Antibody (N-term) - Product Information

Application	WB, FC, IHC-P,E
Primary Accession	P10915
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	10-38

HAPLN1 Antibody (N-term) - Additional Information**Gene ID** 1404**Other Names**

Hyaluronan and proteoglycan link protein 1, Cartilage-linking protein 1, Cartilage-link protein, Proteoglycan link protein, HAPLN1, CRTL1

Target/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.

Dilution

WB~~1:1000
FC~~1:10~50
IHC-P~~1:10~50
E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HAPLN1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HAPLN1 Antibody (N-term) - Protein Information**Name** HAPLN1

Synonyms CTRL1

Function Stabilizes the aggregates of proteoglycan monomers with hyaluronic acid in the extracellular cartilage matrix.

Cellular Location

Secreted, extracellular space, extracellular matrix

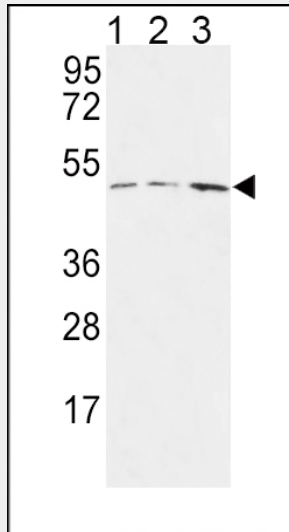
Tissue Location

Widely expressed. Weakly expressed in the brain.

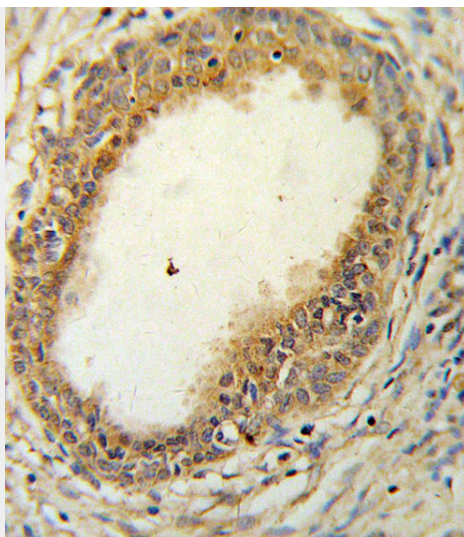
HAPLN1 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

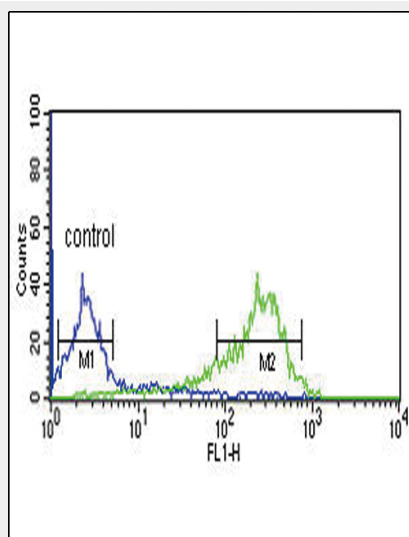
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HAPLN1 Antibody (N-term) - Images

HAPLN1 Antibody (N-term) (Cat. #AP9791a) 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).



HAPLN1 Antibody (N-term) (Cat. #AP9791a) 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.



HAPLN1 Antibody (N-term) (Cat. #AP9791a) 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.

HAPLN1 Antibody (N-term) - Background

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.

HAPLN1 Antibody (N-term) - 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)

HAPLN1 Antibody (N-term) - Citations

- [Biomarker Signatures of Quality for Engineering Nasal Chondrocyte-Derived Cartilage](#)
- [Acquisition of useful sero-diagnostic autoantibodies using the same patients\' sera and tumor tissues.](#)