10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-HAPLN1 Rabbit Monoclonal Antibody

Catalog # ABO13823

Specification

Anti-HAPLN1 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC, IF, ICC**
Primary Accession	P10915
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-HAPLN1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-HAPLN1 Rabbit Monoclonal Antibody - 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

Calculated MW
40166 MW KDa

Application Details
WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Subcellular Localization
Secreted, extracellular space, extracellular matrix.

Tissue Specificity
Widely expressed. Weakly expressed in the brain..

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human HAPLN1

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated**

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freeze-thaw cycles.

Anti-HAPLN1 Rabbit Monoclonal Antibody - Protein Information

Name HAPLN1

Synonyms CRTL1

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

Cellular Location
Secreted, extracellular space, extracellular matrix

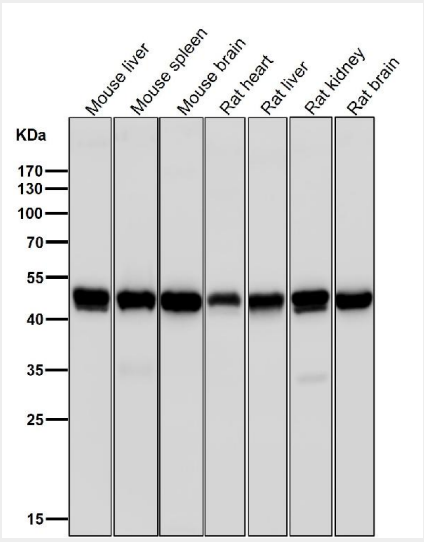
Tissue Location
Widely expressed. Weakly expressed in the brain.

Anti-HAPLN1 Rabbit Monoclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-HAPLN1 Rabbit Monoclonal Antibody - Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

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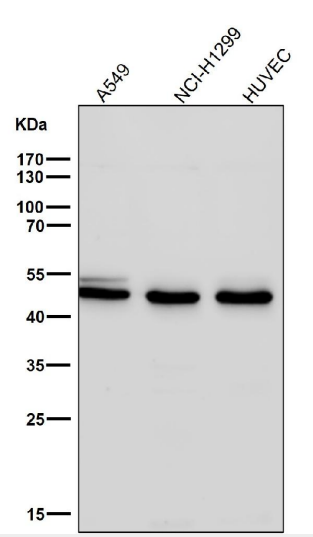
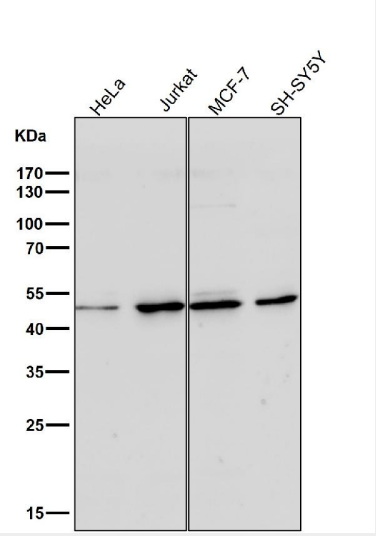
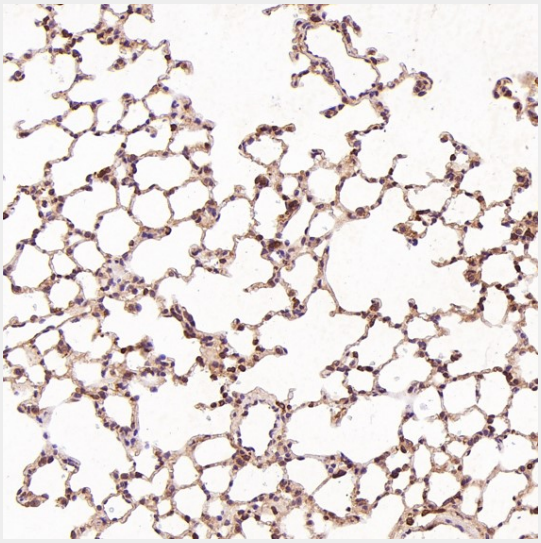


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

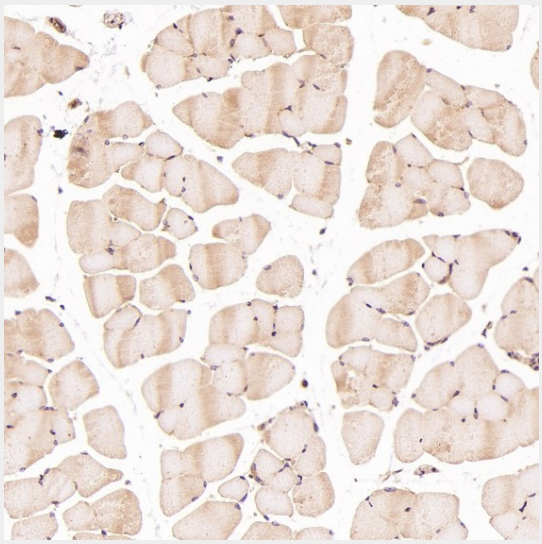


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

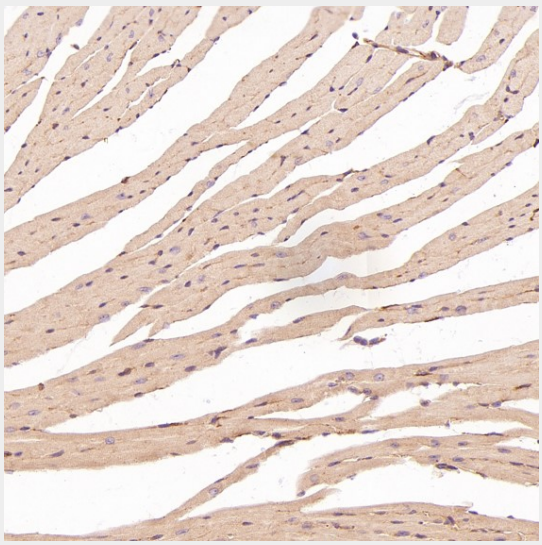


Immunohistochemical analysis of paraffin-embedded Rat liver, using the Antibody at 1:50

dilution.



Immunohistochemical analysis of paraffin-embedded Mouse skeletal muscle - gastrocnemius , using the Antibody at 1:50 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse heart, using the Antibody at 1:50 dilution.

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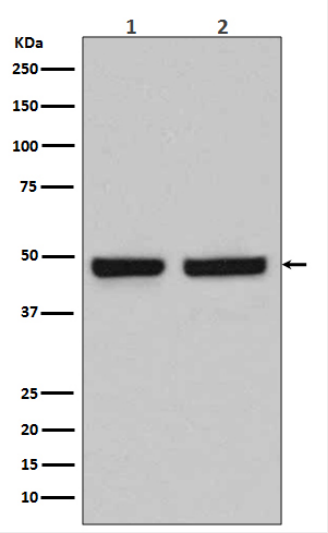
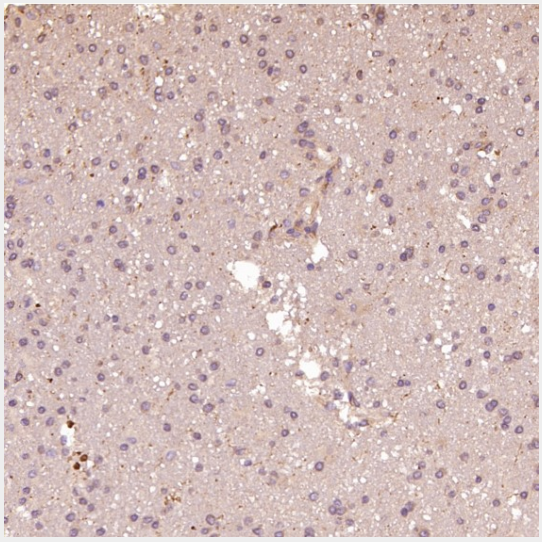
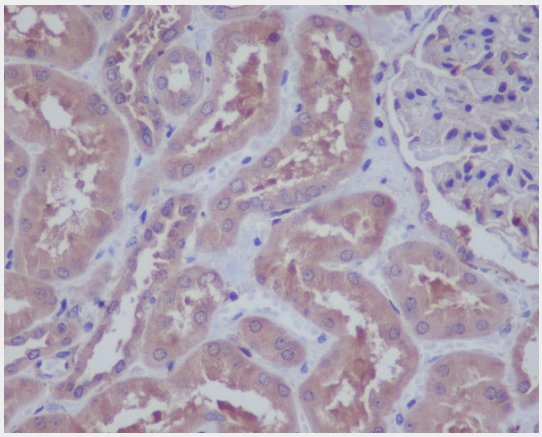


Western blot analysis of HAPLN1 expression in (1) Caco2 cell lysate; (2) Mouse spleen lysate.



Immunohistochemical analysis of paraffin-embedded Human glioblastoma, using the Antibody at 1:50 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney, using HAPLN1 Antibody.

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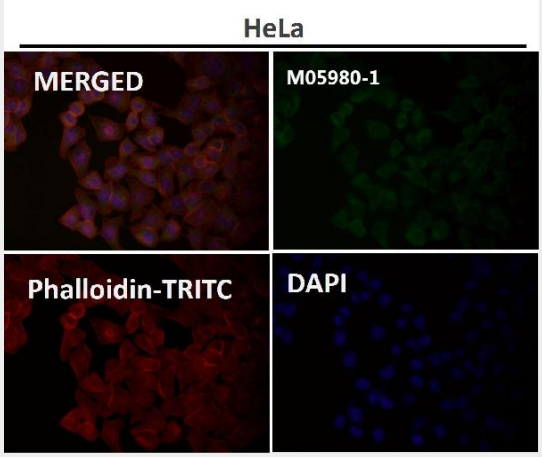
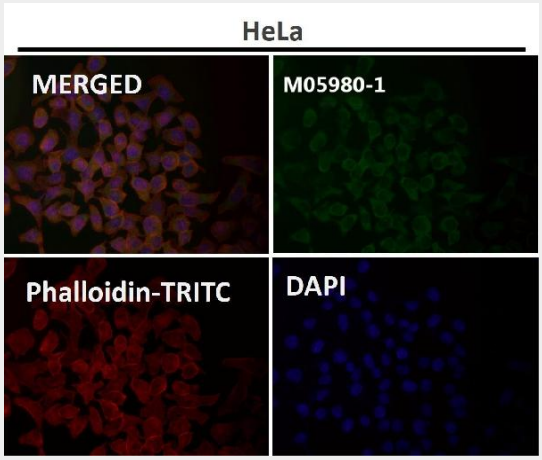


Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:50 dilution.