

**HAPLN2 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54357**

**Specification**

**HAPLN2 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q9GZV7</a>
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HAPLN2
Epitope Specificity	21-120/340
Isotype	IgG
<b>Purity</b>	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted, extracellular space, extracellular matrix (By similarity).
SIMILARITY	Belongs to the HAPLN family. Contains 1 Ig-like V-type (immunoglobulin-like) domain. Contains 2 Link domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

HAPLN2 is a 340 amino acid protein encoded by the human gene HAPLN2. HAPLN2 belongs to the HAPLN family and contains one immunoglobulin (Ig)-like, V-type domain and two link domains. HAPLN2 mediates a firm binding of versican V2 to hyaluronic acid. HAPLN2 is believed to play a pivotal role in the formation of the hyaluronan-associated matrix in the central nervous system (CNS), which facilitates neuronal conduction and general structural stabilization. HAPLN2 may also be involved in the formation of extracellular matrices, contributing to perineuronal nets and facilitating the understanding of a functional role of these extracellular matrices. HAPLN2 is found in several nuclei throughout the midbrain and hindbrain in a perineuronal net pattern.

**HAPLN2 Polyclonal Antibody - Additional Information**

**Gene ID 60484**

**Other Names**

Hyaluronan and proteoglycan link protein 2, Brain link protein 1, HAPLN2, BRAL1

**Target/Specificity**

Expressed only in adult brain.

**Dilution**

<span class ="dilution\_WB">WB~~1:1000</span><br /><span class ="dilution\_IHC-P">IHC-P~~N/A</span><br /><span class ="dilution\_IHC-F">IHC-F~~N/A</span><br /><span class ="dilution\_IF">IF~~1:50~200</span><br /><span class ="dilution\_ICC">ICC~~N/A</span><br /><span class ="dilution\_E">E~~N/A</span>

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**HAPLN2 Polyclonal Antibody - Protein Information**

**Name** HAPLN2

**Synonyms** BRAL1

**Function**

Mediates a firm binding of versican V2 to hyaluronic acid. May play a pivotal role in the formation of the hyaluronan-associated matrix in the central nervous system (CNS) which facilitates neuronal conduction and general structural stabilization. Binds to hyaluronic acid (By similarity).

**Cellular Location**

Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:Q9ESM3}

**Tissue Location**

Expressed only in adult brain.

**HAPLN2 Polyclonal 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 Cytometry](#)
- [Cell Culture](#)

**HAPLN2 Polyclonal Antibody - Images**