

HAPLN4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18081B**Specification**

HAPLN4 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q86UW8
Other Accession	NP_075378.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	42801
Antigen Region	331-357

HAPLN4 Antibody (C-term) - Additional Information**Gene ID** 404037**Other Names**

Hyaluronan and proteoglycan link protein 4, Brain link protein 2, HAPLN4, BRAL2, KIAA1926

Target/Specificity

This HAPLN4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-357 amino acids from the C-terminal region of human HAPLN4.

Dilution

WB~~1:1000

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

HAPLN4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HAPLN4 Antibody (C-term) - Protein Information**Name** HAPLN4**Synonyms** BRAL2, KIAA1926

Function Essential for the proper localization of brevican (BCAN), mainly as a perineuronal nets (PNNs)-type deposition in the brainstem and cerebellum thereby playing a key role in the formation and structural organization of PNNs (By similarity). Contributes to the formation and transmission of inhibitory GABAergic synapses between Purkinje cells and deep cerebellar nuclei neurons (By similarity).

Cellular Location

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

Tissue Location

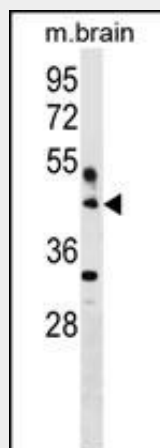
Expressed predominantly in brain.

HAPLN4 Antibody (C-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](#)

HAPLN4 Antibody (C-term) - Images



HAPLN4 Antibody (C-term) (Cat. #AP18081b) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the HAPLN4 antibody detected the HAPLN4 protein (arrow).

HAPLN4 Antibody (C-term) - Background

HAPLN4 binds to hyaluronic acid and may be involved in formation of the extracellular matrix (By similarity).

HAPLN4 Antibody (C-term) - References

Sim, H., et al. J. Biol. Chem. 284(39):26547-26556(2009)
Bekku, Y., et al. Mol. Cell. Neurosci. 24(1):148-159(2003)
Spicer, A.P., et al. J. Biol. Chem. 278(23):21083-21091(2003)