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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

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

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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}

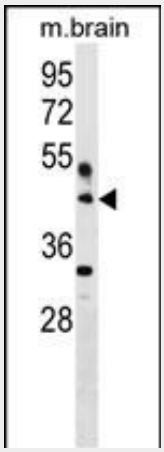
Tissue Location
Expressed predominantly in brain.

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 Cytomety
- 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)