

Anti-HAPLN4 Antibody
Catalog # ABV11937**Specification**

Anti-HAPLN4 Antibody - Product Information

Application	WB
Primary Accession	Q86UW8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	42801

Anti-HAPLN4 Antibody - Additional Information**Gene ID** 404037

Positive Control	WB: THP1, mouse spleen, rat spleen cell lysates.
Application & Usage	WB; 1:500 - 1:2000

Other Names

BRAL2; KIAA1926; Hyaluronan and proteoglycan link protein 4; Brain link protein 2

Target/Specificity

HAPLN4

Antibody Form

Liquid

Appearance

Colorless liquid

Handling

The antibody solution should be gently mixed before use

Reconstitution & Storage

-20°C

Background Descriptions**Precautions**

Anti-HAPLN4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HAPLN4 Antibody - 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

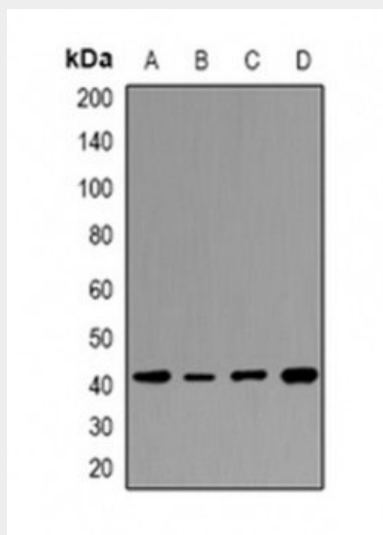
Expressed predominantly in brain.

Anti-HAPLN4 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](#)

Anti-HAPLN4 Antibody - Images



WB analysis of HAPLN4 expression in JurKat (A); THP1 (B); mouse spleen (C); rat spleen (D) whole cell lysates