

**HAPLN4 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18081b****Specification**

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**HAPLN4 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q86UW8](#)**HAPLN4 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 404037**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**HAPLN4 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **HAPLN4 Antibody (C-term) Blocking Peptide - Images**

#### **HAPLN4 Antibody (C-term) Blocking Peptide - Background**

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

#### **HAPLN4 Antibody (C-term) Blocking Peptide - 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)