

HAPLN4 polyclonal antibody

Catalog: BS61501

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

HAPLN4 (Hyaluronan and proteoglycan link protein 4) is a 360 amino acid protein encoded by the human gene HAPLN4. HAPLN4 belongs to the HAPLN family and contains 1 Ig-like C2-type (immunoglobulin-like) domain and two Link domains. HAPLN4 mediates the binding of complexes containing hyaluronic acid. HAPLN2 mediates a firm binding of versican V2 to hyaluronic acid. HAPLN4 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. HAPLN4 may also be involved in the formation of extracellular matrices contributing to perineuronal nets and facilitate the understanding of a functional role of these extracellular matrices. HAPLN4 is widely expressed with highest levels in spleen and placenta.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 42 kDa

Swiss-Prot:

Q86UW8

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

HAPLN4 polyclonal antibody detects endogenous levels of HAPLN4 protein.

DATA:



Western blot (WB) analysis of HAPLN4 polyclonal antibody at 1:500 dilution

Lane1: The thymus tissue lysate of Mouse(30ug)

Lane2: The thymus tissue lysate of Rat(30ug)

Lane3: The peripheral blood tissue lysate of Mouse(30ug)

Lane4: The peripheral blood tissue lysate of Rat(30ug)

Note:

For research use only, not for use in diagnostic procedure.

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