

HAPLN4 Antibody (monoclonal) (M12)**Mouse monoclonal antibody raised against a partial recombinant HAPLN4.****Catalog # AT2316a****Specification**

HAPLN4 Antibody (monoclonal) (M12) - Product Information

Application	WB, E
Primary Accession	Q86UW8
Other Accession	NM_023002
Reactivity	Human, Mouse
Host	mouse
Clonality	Monoclonal
Isotype	IgG3 Kappa
Calculated MW	42801

HAPLN4 Antibody (monoclonal) (M12) - Additional Information**Gene ID** 404037**Other Names**

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

Target/Specificity

HAPLN4 (NP_075378, 30 a.a. ~ 134 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

HAPLN4 Antibody (monoclonal) (M12) is for research use only and not for use in diagnostic or therapeutic procedures.

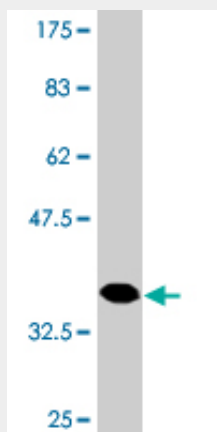
HAPLN4 Antibody (monoclonal) (M12) - Protocols

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

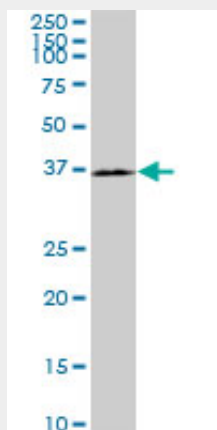
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

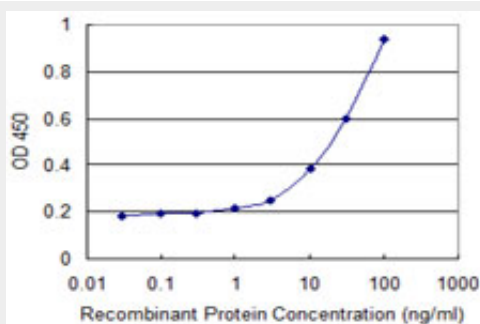
HAPLN4 Antibody (monoclonal) (M12) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.29 kDa) .



HAPLN4 monoclonal antibody (M12), clone 1G5. Western Blot analysis of HAPLN4 expression in Raw 264.7 (Cat # AT2316a)



Detection limit for recombinant GST tagged HAPLN4 is 0.3 ng/ml as a capture antibody.

HAPLN4 Antibody (monoclonal) (M12) - References

Reduced expression of the hyaluronan and proteoglycan link proteins in malignant gliomas. Sim H, et al. J Biol Chem, 2009 Sep 25. PMID 19633295. Molecular cloning of Bral2, a novel brain-specific link protein, and immunohistochemical colocalization with brevican in perineuronal nets. Bekku Y, et al. Mol Cell Neurosci, 2003 Sep. PMID 14550776. A hyaluronan binding link protein gene family whose members are physically linked adjacent to chondroitin sulfate proteoglycan core protein genes: the missing links. Spicer AP, et al. J Biol Chem, 2003 Jun 6. PMID 12663660. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Prediction of the coding sequences of unidentified human genes. XXI. The complete sequences of 60 new cDNA clones from brain which code for large proteins. Nagase T, et al. DNA Res, 2001 Aug 31. PMID 11572484.