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Musashi-1 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52765

Product Information

Primary Accession	O43347
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	39125

Additional Information

Gene ID	4440
Other Names	MSI1;Musashi-1;Msi 1;Msi1;MSI1H_HUMAN;Musashi homolog 1;Musashi-1;Musashi1;RNA binding protein Musashi homolog 1;RNA-binding protein Musashi homolog 1.
Format	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.09% (W/V) sodium azide, 50% glycerol, 0.1%BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	MSI1
Function	RNA binding protein that regulates the expression of target mRNAs at the translation level. Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5'-GUUAGUUAGUUAGUU- 3' and other sequences containing the pattern 5'-[GA]U(1-3)AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system (By similarity).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:Q61474}. Nucleus {ECO:0000250|UniProtKB:Q61474}
Tissue Location	Detected in fetal kidney, brain, liver and lung, and in adult brain and pancreas. Detected in hepatoma cell lines

Background

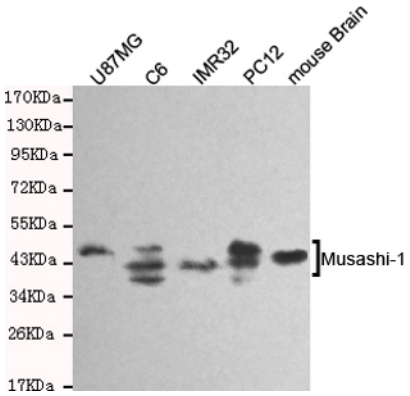
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References

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Shu H.-J.,et al.Biochem. Biophys. Res. Commun. 293:150-154(2002).
Okano H.,et al.J. Cell Sci. 115:1355-1359(2002).
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).

Images



Western blot detection of Musashi-1 in U87MG,C6,IMR32,mouse brain and PC12 cell lysates and using Musashi-1 mouse mAb (1:1000 diluted).Predicted band size: 39KDa.Observed band size:39KDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.