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Musashi 1 Antibody

Rabbit mAb
Catalog # AP90286

Product Information

Application	WB, IHC, IF, FC, ICC, IP, IHF
Primary Accession	O43347
Reactivity	Human
Clonality	Monoclonal
Other Names	RNA-binding protein Musashi homolog 1; Musashi-1; MSI1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	39125

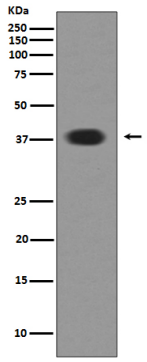
Additional Information

Dilution	WB 1:1000~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Musashi 1 / Msi1
Description	Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5?-GUUAGUUAGUUAGUU-3? and other sequences containing the pattern 5?-[GA]U1-3AGU-3?. May play a role in the proliferation and maintenance of stem cells in the central nervous system.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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

Images



Western blot analysis of Musashi 1 expression in SH-SY-5Y cell lysate.

Image not found : 202311/AP90286-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human colon, using Musashi 1 Antibody .