10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Musashi 1 Antibody
Rabbit mAb
Catalog # AP90286

Specification

Musashi 1 Antibody - Product Information

Application	**WB, IHC, FC, ICC, IP**
Primary Accession	O43347
Clonality	**Monoclonal**

Other Names
RNA-binding protein Musashi homolog 1; Musashi-1; MSI1;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**39125 Da**

Musashi 1 Antibody - Additional Information

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.**

Musashi 1 Antibody - 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}

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

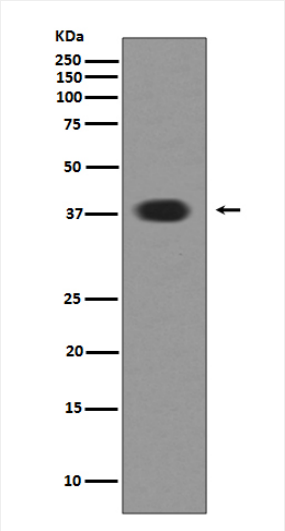
Tissue Location
Detected in fetal kidney, brain, liver and lung, and in adult brain and pancreas. Detected in hepatoma cell lines

Musashi 1 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Musashi 1 Antibody - Images



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