

Rabbit MSI2 Polyclonal Antibody | anti-MSI2 antibody

MSI2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39602	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

MSI2; Polyclonal Antibody; MSI2 Antibody; MSI2H; RNA-binding protein Musashi homolog 2; Musashi-2; musashi homolog 2 (Drosophila); anti-MSI2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MSI2 antibody is predicted to not cross-react with MSI1. Multiple isoforms of MSI2 are known to exist.
Purity/Purification	MSI2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; MSI2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	328
Applicable Applications for anti-MSI2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	MSI2 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human MSI2. The immunogen is located within amino acids 30 - 80 of MSI2.
Positive Control	EL4 Cell Lysate - EL4 Cell Slide
Preparation and Storage	MSI2 antibody can be stored at 4 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of MSI2 in mouse brain tissue with MSI2 Antibody at 20 &#956;g/mL.Green: MSI2 antibody (6309)Red: Phylloidin stainingBlue: DAPI staining



IHC (Immunohistochemistry)

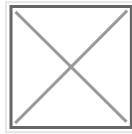
Immunohistochemistry of MSI2 in mouse brain tissue with MSI2 Antibody at 5 &#956;g/mL.

**IF (Immunofluorescence)**

Immunofluorescence of MSI2 in EL4 cells with MSI2 antibody at 20 µg/mL.

**ICC (Immunocytochemistry)**

Immunocytochemistry of MSI2 in EL4 cells with MSI2 antibody at 5 µg/mL.

**WB (Western Blot)**

MSI2 Antibody

ADDITIONAL INFORMATION**Related Product Information for anti-MSI2 antibody**

MSI2 Antibody: Musashi2 (MSI2) is an RNA-binding protein that is highly expressed in precursor cells in the ventricular and subventricular zones of the developing mammalian CNS. Like the related MSI1, MSI2 has been suggested to be involved stem cell production and maintenance. MSI2 is the predominant MSI protein in hematopoietic stem cells, and its knockdown leads to reduced engraftment and depletion in vivo. Expression levels of MSI2 are elevated in myeloid leukemia cells lines, and MSI2 appears to cooperate with BCR-ABL1 to induce an aggressive leukemia; the level of MSI2 directly correlates with decreased survival in patients. MSI2 negatively regulates the asymmetric cell fate determinant NUMB, suggesting that this signaling pathway may provide future targets for future therapies.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20373175
NCBI GeneID	124540
NCBI Accession #	EAW94506
NCBI GenBank Nucleotide #	NM_138962.2
UniProt Accession #	Q96DH6; Q7Z6M7; Q8N9T4
NCBI Official Full Name	RNA-binding protein Musashi homolog 2 isoform a
NCBI Official Synonym Full Names	musashi RNA-binding protein 2
NCBI Official Symbol	MSI2
NCBI Official Synonym Symbols	MSI2H
NCBI Protein Information	RNA-binding protein Musashi homolog 2; musashi-2; musashi homolog 2
UniProt Protein Name	RNA-binding protein Musashi homolog 2
UniProt Gene Name	MSI2
UniProt Synonym Gene Names	Musashi-2
UniProt Entry Name	MSI2H_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/msi2-antibody-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/39602>