

Rabbit anti-Human MSI1 Polyclonal Antibody | anti-MSI1 antibody

MSI1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234207	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

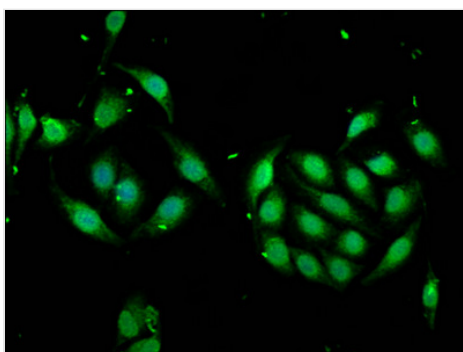
PRODUCT SYNONYMS

MSI1; Polyclonal Antibody; MSI1 Antibody; RNA-binding protein Musashi homolog 1; Musashi-1; anti-MSI1 antibody

PRODUCT SPECIFICATIONS

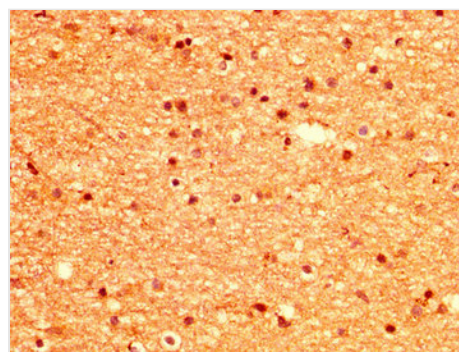
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	362
Applicable Applications for anti-MSI1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human RNA-binding protein Musashi homolog 1 protein (221-347AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234207 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234207 diluted at 1:500 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-MSI1 antibody	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).
Product Categories/Family for anti-MSI1 antibody	Neuroscience; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505255
NCBI GeneID	4440
NCBI Accession #	NP_002433.1
NCBI GenBank Nucleotide #	NM_002442.3
UniProt Accession #	O43347; Q96PU0; Q96PU1; Q96PU2; Q96PU3
Molecular Weight	39,125 Da
NCBI Official Full Name	RNA-binding protein Musashi homolog 1
NCBI Official Synonym Full Names	musashi RNA binding protein 1
NCBI Official Symbol	MSI1
NCBI Protein Information	RNA-binding protein Musashi homolog 1
UniProt Protein Name	RNA-binding protein Musashi homolog 1
UniProt Gene Name	MSI1
UniProt Synonym Gene Names	Musashi-1

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/msi1-antibody-immunofluorescence-immunohistochemistry-elisa/234207>