

Rabbit Musashi 1/MSI1 Polyclonal Antibody | anti-MSI1 antibody

Anti-Musashi 1/MSI1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254286	Rabbit	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

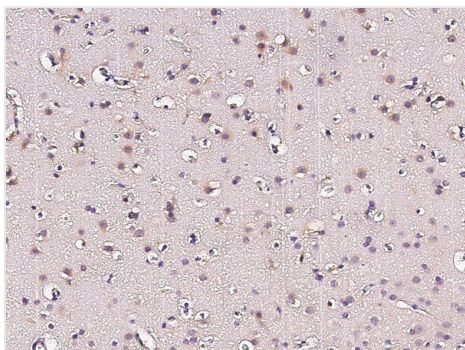
PRODUCT SYNONYMS

Musashi 1/MSI1; Polyclonal Antibody; Anti-Musashi 1/MSI1 Antibody; Rabbit Polyclonal; Musashi-1 Antibody; Rabbit PAb; Antigen Affinity Purified; musashi RNA binding protein 1; anti-MSI1 antibody

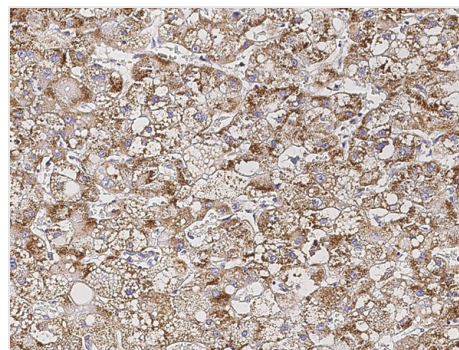
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Musashi 1/MSI1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MSI1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human Musashi-1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human Musashi-1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

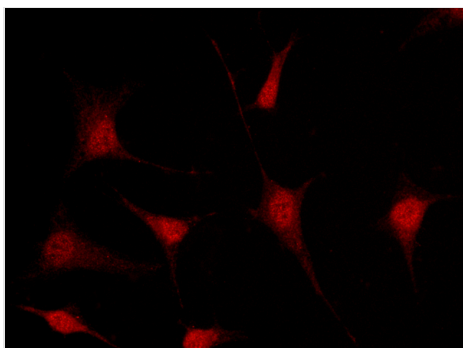
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human MSI1 in human brain with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).


IHC (Immunohistochemistry)

Immunohistochemical staining of human MSI1 in human hepatoma with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).



IF (Immunofluorescence)

Immunofluorescence staining of MSI1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human MSI1 polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red). Positive staining was localized to cytoplasm and nucleus.

ADDITIONAL INFORMATION

Related Product Information for anti-MSI1 antibody

Musashi RNA-binding protein 1 (MSI1) is highly expressed in certain cancer types and functions as a putative progenitor/stem cell marker. MSI1 belongs to a family of histone binding WD40-repeat proteins. MSI1 is a subunit of Polycomb group protein complexes and Chromatin assembly factor 1, and it interacts with the Retinoblastoma-related protein 1. Altered levels of MSI1 result in pleiotropic phenotypes, reflecting the complexity of MSI1 protein functions. MSI1 can bind to the chromatin of the drought-inducible downstream target RD20 and suggest a new role for MSI1 in the negative regulation of the Arabidopsis drought-stress response. The MSI1 (CAC3) gene of *Saccharomyces cerevisiae* has been implicated in diverse cellular functions, including suppression of the RAS/cAMP/protein kinase A signaling pathway, chromatin assembly and transcriptional co-repression.

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	362
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; musashi1; musashi-1
UniProt Protein Name	RNA-binding protein Musashi homolog 1
UniProt Gene Name	MSI1
UniProt Synonym Gene Names	Musashi-1
UniProt Entry Name	MSI1H_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/musashi-1-msi1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/254286>