

Rabbit MSI1 Polyclonal Antibody | anti-MSI1 antibody

MSI1 Antibody (N-term)

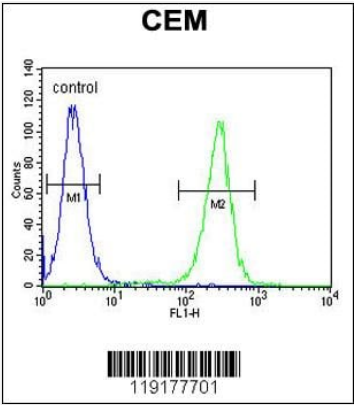
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289640	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

MSI1; Polyclonal Antibody; MSI1 Antibody (N-term); RNA-binding protein Musashi homolog 1; Musashi-1; anti-MSI1 antibody

PRODUCT SPECIFICATIONS

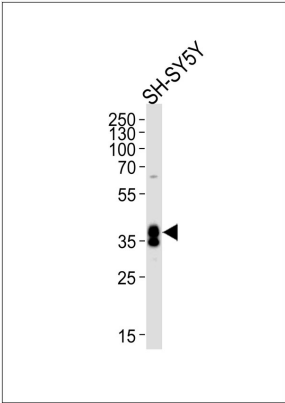
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MSI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-93 amino acids from the N-terminal region of human MSI1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	67-93
Sequence Length	362
Applicable Applications for anti-MSI1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MSI1 Antibody (N-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
MSI1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MSI1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from SH?SY5Y cell line, using MSI1 Antibody (N-term). AAA289640 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-MSI1 antibody	This gene encodes a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Expression of this gene has been correlated with the grade of the malignancy and proliferative activity in gliomas and melanomas. A pseudogene for this gene is located on chromosome 11q13.
Product Categories/Family for anti-MSI1 antibody	Neuroscience; Signal Transduction
References	Fan, L.F., et al. Int J Colorectal Dis 25(1):17-23(2010) de Sousa Abreu, R., et al. J. Biol. Chem. 284(18):12125-12135(2009) Murayama, M., et al. J. Gastroenterol. 44(3):173-182(2009) Gotte, M., et al. J. Pathol. 215(3):317-329(2008) Sanchez-Diaz, P.C., et al. BMC Cancer 8, 280 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505255
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NCBI GeneID	4440
NCBI Accession #	NP_002433.1
NCBI GenBank Nucleotide #	NM_002442.3
UniProt Accession #	O43347; Q96PU0; Q96PU1; Q96PU2; Q96PU3
Molecular Weight	39125
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
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/msi1-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/289640>