

Rabbit MSRB1 Polyclonal Antibody | anti-MSRB1 antibody

MSRB1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305407	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

MSRB1; Polyclonal Antibody; MSRB1 antibody; SELR; SELX; SepR; SEPX1; HSPC270; anti-MSRB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MSRB1 protein.
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	3.48 mg/ml (varies by lot)
Sequence Length	116
Applicable Applications for anti-MSRB1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MSRB1.
Target Name	MSRB1
Preparation and Storage	Store at -20°C

IMAGES



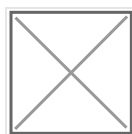
IHC (Immunohistochemistry)

Immunohistochemistry analysis of MSRB1 in paraffin-embedded Human colon tissue using MSRB1 Rabbit pAb at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining



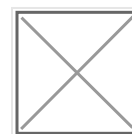
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WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MSRB1 at 1:1000 dilution



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using SEPX1 antibody. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-MSRB1 antibody	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This protein belongs to the methionine sulfoxide reductase (Msr) protein family which includes repair enzymes that reduce oxidized methionine residues in proteins. The protein encoded by this gene is expressed in a variety of adult and fetal tissues and localizes to the cell nucleus and cytosol.
Product Categories/Family for anti-MSRB1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706511
NCBI GeneID	51734
NCBI Accession #	NP_057416.1
NCBI GenBank Nucleotide #	NM_016332.2
UniProt Accession #	Q9NZV6; Q96RX6; Q9BTV2; Q9P0B1
Molecular Weight	SDS-PAGE MW: 12kd
NCBI Official Full Name	methionine-R-sulfoxide reductase B1
NCBI Official Synonym Full Names	methionine sulfoxide reductase B1
NCBI Official Symbol	MSRB1
NCBI Official Synonym Symbols	SELR; SELX; SepR; SEPX1; HSPC270
NCBI Protein Information	methionine-R-sulfoxide reductase B1
UniProt Protein Name	Methionine-R-sulfoxide reductase B1
UniProt Gene Name	MSRB1
UniProt Synonym Gene Names	SEPX1; MsrB1; SelX
UniProt Entry Name	MSRB1_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/msrb1-antibody-immunocytochemistry-immunohistochemistry-immunofluorescence-western-blot-elisa/305407>