

Rabbit MSRB1 Polyclonal Antibody | anti-MSRB1 antibody

MSRB1 Polyclonal Antibody

CATALOG # AAA37609	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	116
Applicable Applications for anti-MSRB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MSRB1
Calculated Molecular Weight	12kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using MSRB1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MSRB1 Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	182676387
NCBI GeneID	51734
UniProt Accession #	Q9NZV6; Q96RX6; Q9BTV2; Q9P0B1
Molecular Weight	116
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; selenoprotein R; selenoprotein X, 1
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.