

Rabbit anti-Human MSRB1 Polyclonal Antibody | anti-MSRB1 antibody

MSRB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233673	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

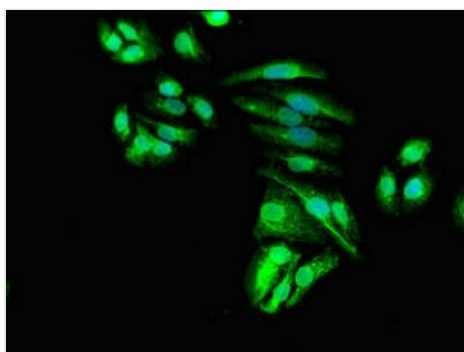
PRODUCT SYNONYMS

MSRB1; Polyclonal Antibody; MSRB1 Antibody; Methionine-R-sulfoxide reductase B1; MsrB1; Selenoprotein X; SelX; SEPX1; HSPC270; anti-MSRB1 antibody

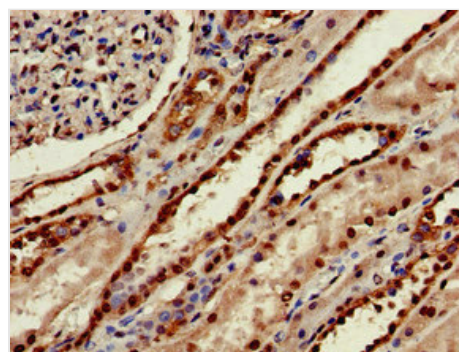
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	116
Applicable Applications for anti-MSRB1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Methionine-R-sulfoxide reductase B1 protein (1-116AA)
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.

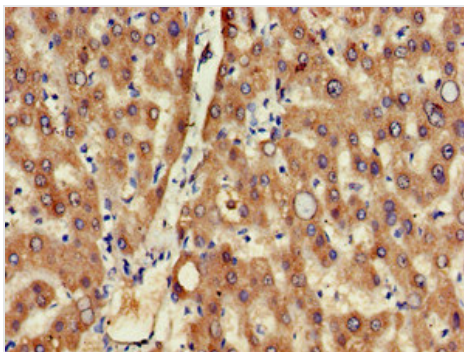
IMAGES


IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA233673 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233673 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver tissue using AAA233673 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MSRB1 antibody	Methionine-sulfoxide reductase that specifically reduces methionine (R)-sulfoxide back to methionine. While in many cases, methionine oxidation is the result of random oxidation following oxidative stress, methionine oxidation is also a post-translational modification that takes place on specific residue. Acts as a regulator of actin assembly by reducing methionine (R)-sulfoxide mediated by MICALs (MICAL1, MICAL2 or MICAL3) on actin, thereby promoting filament repolymerization. Plays a role in innate immunity by reducing oxidized actin, leading to actin repolymerization in macrophages (By similarity).
Product Categories/Family for anti-MSRB1 antibody	Cancer; Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706511
NCBI GeneID	51734
NCBI Accession #	NP_057416.1
NCBI GenBank Nucleotide #	NM_016332.3
UniProt Accession #	Q9NZV6; Q96RX6; Q9BTV2; Q9P0B1
Molecular Weight	12,760 Da
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

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.