

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

MSRB1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174945	Rabbit	Human	ELISA, Immunohistochemistry

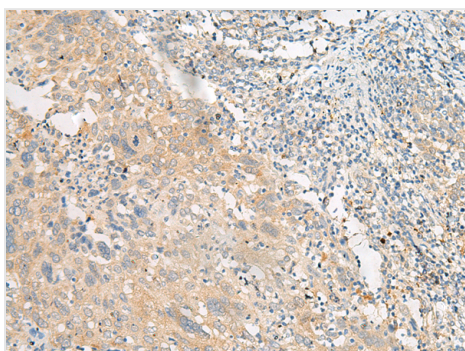
PRODUCT SYNONYMS

MSRB1; Polyclonal Antibody; MSRB1 Polyclonal Antibody; Annexin A2 like; EC 1 8 4; HSPC 270; HSPC270; Methionine R sulfoxide reductase; Methionine R sulfoxide reductase B1; Methionine sulfoxide reductase; Methionine-R-sulfoxide reductase B1; MGC3344; MSRB 1; MsrB1; OTTHUMP00000159418; Sel X; Selenoprotein R; Selenoprotein X 1; Selenoprotein X; Selenoprotein X1; SELR; SelX; SEPX 1; Sepx1; anti-MSRB1 antibody

PRODUCT SPECIFICATIONS

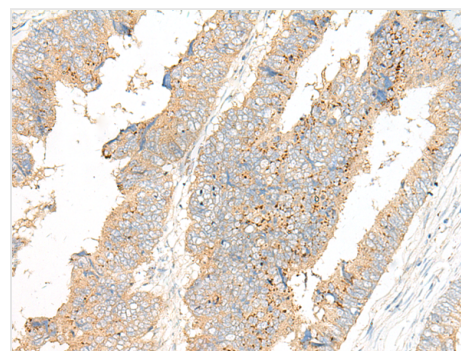
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.72mg/mL (varies by lot)
Sequence Length	116
Applicable Applications for anti-MSRB1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human MSRB1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using MSRB1 Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using MSRB1 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-MSRB1 antibody	The protein encoded by this gene belongs to the methionine-R-sulfoxide reductase B (MsrB) family. Members of this family function as repair enzymes that protect proteins from oxidative stress by catalyzing the reduction of methionine-R-sulfoxides to methionines. This protein is highly expressed in liver and kidney, and is localized to the nucleus and cytosol. It is the only member of the MsrB family that is a selenoprotein, containing a selenocysteine (Sec) residue at its active site. It also has the highest methionine-R-sulfoxide reductase activity compared to other members containing cysteine in place of Sec. Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designated the Sec insertion sequence (SECIS) element, that is necessary for the recognition of UGA as a Sec codon, rather than as a stop signal.
Product Categories/Family for anti-MSRB1 antibody	Cancer; Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	182676387
NCBI GeneID	51734
UniProt Accession #	Q9NZV6
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/msrb1-antibody-immunohistochemistry-elisa/174945>