

Rabbit anti-Human, Mouse MSRB2 Polyclonal Antibody | anti-MSRB2 antibody

MSRB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231466	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

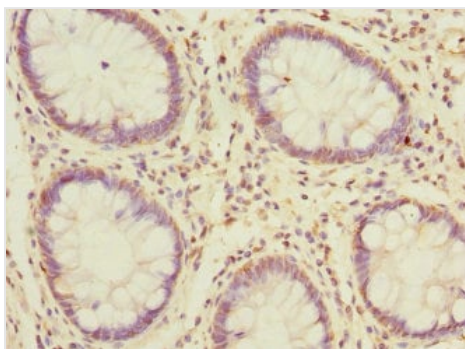
PRODUCT SYNONYMS

MSRB2; Polyclonal Antibody; MSRB2 Antibody; Methionine-R-sulfoxide reductase B2; mitochondrial; MsrB2; CBS-1; MSRB; CGI-131; anti-MSRB2 antibody

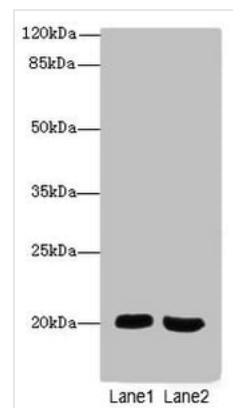
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	182
Applicable Applications for anti-MSRB2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Methionine-R-sulfoxide reductase B2, mitochondrial protein (10-182AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-163097 / sc-163100
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA231466 at dilution 1:100


WB (Western Blot)

Western blotAll lanes: MSRB2antibody at 2.66ug/mL
Lane 1 : Mouse heart tissue
Lane 2 : Mouse brain tissue
SecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilution
Predicted band size: 20 kDa
Observed band size: 20 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MSRB2 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. Upon oxidative stress, may play a role in the preservation of mitochondrial integrity by decreasing the intracellular reactive oxygen species build-up through its scavenging role, hence contributing to cell survival and protein maintenance.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117606353
NCBI GeneID	22921
NCBI Accession #	NP_036360.3
NCBI GenBank Nucleotide #	NM_012228.3
UniProt Accession #	Q9Y3D2; Q17R44; Q4G1C7; Q9Y5W6
Molecular Weight	19,536 Da
NCBI Official Full Name	methionine-R-sulfoxide reductase B2, mitochondrial
NCBI Official Synonym Full Names	methionine sulfoxide reductase B2
NCBI Official Symbol	MSRB2
NCBI Official Synonym Symbols	CBS1; MSRB; PILB; CBS-1; CGI-131
NCBI Protein Information	methionine-R-sulfoxide reductase B2, mitochondrial
UniProt Protein Name	Methionine-R-sulfoxide reductase B2, mitochondrial
UniProt Gene Name	MSRB2
UniProt Synonym Gene Names	CBS-1; MSRB; MsrB2
UniProt Entry Name	MSRB2_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.