

Rabbit MSRA Polyclonal Antibody | anti-MSRA antibody

MSRA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200655	Rabbit	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

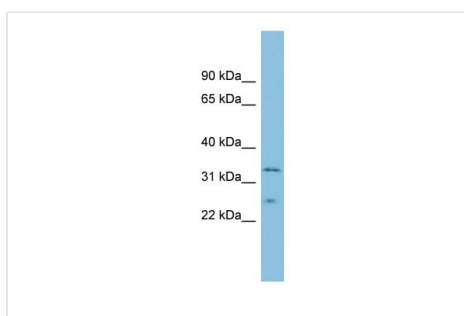
PRODUCT SYNONYMS

MSRA; Polyclonal Antibody; MSRA antibody - middle region; anti-MSRA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YQ KVLSEHGFGP ITTDIREGQT FYAEDYHQQ YLSKNPNNGYC GLGGTGVS
Sequence Length	235
Applicable Applications for anti-MSRA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MSRA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

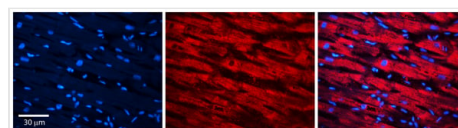


WB (Western Blot)

WB Suggested Anti-MSRA Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:31250

Positive Control: Human Lung



IHC (Immunohistochemistry)

Rabbit Anti-MSRA Antibody

Formalin Fixed Paraffin Embedded Tissue: Human heart

Tissue Observed Staining: Cytoplasmic

Primary Antibody Concentration: N/A

Other Working Concentrations: 1:600

Secondary Antibody: Donkey anti-Rabbit-Cy3

Secondary Antibody Concentration: 1:200

Magnification: 20X

Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MSRA antibody	This is a rabbit polyclonal antibody against MSRA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This protein is ubiquitous and highly conserved. It carries out the enzymatic reduction of methionine sulfoxide to methionine. Human and animal studies have shown the highest levels of expression in kidney and nervous tissue. Its proposed function is the repair of oxidative damage to proteins to restore biological activity. Three transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MSRA antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	208609993
NCBI GeneID	4482
NCBI Accession #	NP_036463
NCBI GenBank Nucleotide #	NM_012331
UniProt Accession #	Q9UJ68
Molecular Weight	26kDa
NCBI Official Full Name	mitochondrial peptide methionine sulfoxide reductase isoform b
NCBI Official Synonym Full Names	methionine sulfoxide reductase A
NCBI Official Symbol	MSRA
NCBI Official Synonym Symbols	PMSR
NCBI Protein Information	mitochondrial peptide methionine sulfoxide reductase
UniProt Protein Name	Mitochondrial peptide methionine sulfoxide reductase
UniProt Gene Name	MSRA
UniProt Synonym Gene Names	Peptide Met(O) reductase; PMSR
UniProt Entry Name	MSRA_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://www.aaabiotech.com/polyclonal/msra-antibody-immunohistochemistry-western-blot-elisa/200655>