Rabbit anti-Mouse MRPS2 Polyclonal Antibody | anti-MRPS2 antibody

MRPS2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281203	**Rabbit**	**Mouse**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

MRPS2; Polyclonal Antibody; MRPS2 Polyclonal Antibody; CGI-91; MRP-S2; S2mt; anti-MRPS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Sequence	MATSSAALPR ILGAGARAPS RWLGFLGKAT PRPARPSRRT LGSATALMIR ESEDSTDFND KILNEPLKHS DFFNVKELFS VRSLFDARVH LGHKAGCRHR FMEPYIFGSR LDHDIIDLEQ TATHLQLALN FTAHMAYRKG IILFISRNRQ FSYLIENMAR DCGEYAHTRY FRGGMLTNAR LLFGPTVRLP DLIIFLHTLN NIFEPHVAVR DAAKMNIPTV GIVDTNCNPC LITYPVPGND DSPLAVHLYC RLFQT
Sequence Length	296
Applicable Applications for anti-MRPS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human MRPS2
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES

WB (Western Blot)
Western blot analysis of extracts of various cell lines, using MRPS2 antibody at 1:3000 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: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS2 antibody	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that belongs to the ribosomal protein S2 family. Alternatively spliced transcript variants have been observed for this gene.
Product Categories/Family for anti-MRPS2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705805
NCBI GeneID	51116
NCBI Accession #	NP_057118.1
NCBI GenBank Nucleotide #	NM_016034.4
UniProt Accession #	Q9Y399; Q5T899; Q9BSQ4
Molecular Weight	Calculated: 33kDa Observed: 33kDa
NCBI Official Full Name	28S ribosomal protein S2, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S2
NCBI Official Symbol	MRPS2
NCBI Official Synonym Symbols	S2mt; CGI-91; MRP-S2
NCBI Protein Information	28S ribosomal protein S2, mitochondrial
UniProt Protein Name	28S ribosomal protein S2, mitochondrial
UniProt Gene Name	**MRPS2**
UniProt Synonym Gene Names	MRP-S2; S2mt

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://stage.aaabiotech.com/polyclonal/mrps2-antibody-immunohistochemistry-western-blot-elisa/281203