

Rabbit MRPS6 Polyclonal Antibody | anti-MRPS6 antibody

MRPS6 Polyclonal Antibody

CATALOG # AAA280733	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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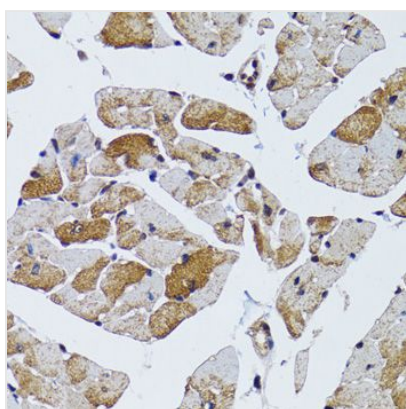
PRODUCT SYNONYMS

MRPS6; Polyclonal Antibody; MRPS6 Polyclonal Antibody; anti-MRPS6 antibody

PRODUCT SPECIFICATIONS

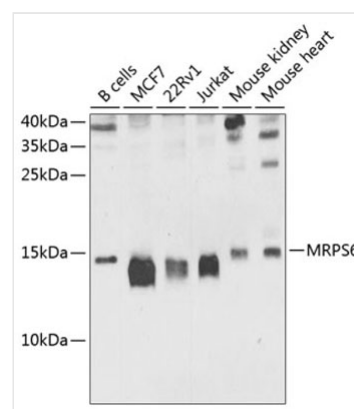
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MRPS6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human MRPS6 (NP_115865.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using MRPS6 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MRPS6 antibody at 1:1000 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: 15s.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS6 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 S6P family. Pseudogenes corresponding to this gene are found on chromosomes 1p and 12q.
Product Categories/Family for anti-MRPS6 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	16554616
NCBI GeneID	64968
NCBI Accession #	NP_115865.1
NCBI GenBank Nucleotide #	NM_032476.3
UniProt Accession #	P82932; Q96Q64; Q9BSK8; Q9BW89; B2R573
Molecular Weight	Calculated Molecular Weight: 14kDa Observed Molecular Weight: 14kDa
NCBI Official Full Name	28S ribosomal protein S6, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S6
NCBI Official Symbol	MRPS6
NCBI Official Synonym Symbols	S6mt; RPMS6; MRP-S6; C21orf101
NCBI Protein Information	28S ribosomal protein S6, mitochondrial
UniProt Protein Name	28S ribosomal protein S6, mitochondrial
UniProt Gene Name	MRPS6
UniProt Synonym Gene Names	C21orf101; RPMS6; MRP-S6; S6mt
UniProt Entry Name	RT06_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/mrps6-antibody-immunohistochemistry-western-blot-elisa/280733>