

Rabbit anti-Human, Mouse MRPS18C Polyclonal Antibody | anti-MRPS18C antibody

MRPS18C Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175118	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

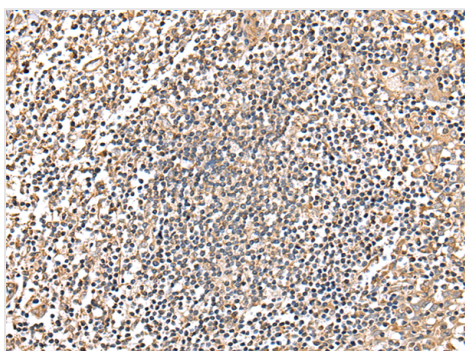
PRODUCT SYNONYMS

MRPS18C; Polyclonal Antibody; MRPS18C Polyclonal Antibody; 28S ribosomal protein S18 1; mitochondrial; 28S ribosomal protein S18-1; 28S ribosomal protein S18c; 28S ribosomal protein S18c mitochondrial; CGI-134; Mitochondrial; Mitochondrial ribosomal protein S18 1; Mitochondrial ribosomal protein S18C; MRP-S18-1; MRP-S18-c; MRPS18 1; Mrps18-c; Mrps18c; RT18C; S18mt-c; anti-MRPS18C antibody

PRODUCT SPECIFICATIONS

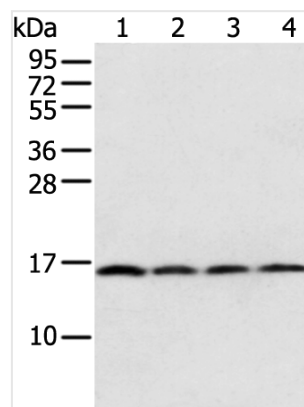
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	142
Applicable Applications for anti-MRPS18C antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using MRPS18C Polyclonal Antibody at dilution of 1:25(×200)



WB (Western Blot)

Western blot analysis of 231 HeLa K562 cell and Human bladder carcinoma tissue using MRPS18C Polyclonal Antibody at dilution of 1:800

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS18C 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.
Product Categories/Family for anti-MRPS18C antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705630
NCBI GeneID	51023
NCBI Accession #	NP_057151.1 ; BC005186
NCBI GenBank Nucleotide #	NP_057151.1
UniProt Accession #	Q9Y3D5
Molecular Weight	16 kDa
NCBI Official Full Name	28S ribosomal protein S18c, mitochondrial isoform 1
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S18C
NCBI Official Symbol	MRPS18C
NCBI Official Synonym Symbols	CGI-134; S18mt-c; MRPS18-1; mrps18-c; MRP-S18-1; MRP-S18-c
NCBI Protein Information	28S ribosomal protein S18c, mitochondrial
UniProt Protein Name	28S ribosomal protein S18c, mitochondrial
UniProt Gene Name	MRPS18C
UniProt Synonym Gene Names	MRP-S18-c; Mrps18-c; S18mt-c; MRP-S18-1
UniProt Entry Name	RT18C_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://stage.aaabiotech.com/polyclonal/mrps18c-antibody-immunohistochemistry-western-blot-elisa/175118>