

Rabbit MRPS18C Polyclonal Antibody | anti-MRPS18C antibody

MRPS18C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324333	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MRPS18C; Polyclonal Antibody; MRPS18C Antibody; 28S ribosomal protein S18 1; mitochondrial; 28S ribosomal protein S18-1; 28S ribosomal protein S18c; 28S ribosomal protein S18c mitochondrial; CGI-134; Mitochondrial ribosomal protein S18 1; Mitochondrial ribosomal protein S18C; MRP-S18-1; MRP-S18-c; MRPS18 1; Mrps18-c; Mrps18c; RT18C_HUMAN; S18mt-c; anti-MRPS18C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MRPS18C antibody detects endogenous levels of total MRPS18C
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	96
Applicable Applications for anti-MRPS18C antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MRPS18C, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells, using MRPS18C antibody.



IF (Immunofluorescence)

AAA324333 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA324333 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS18C antibody	Function: There are 3 mitochondrial isoforms of bS18 in mammalia, localizing to 3 distinct sites in the mitoribosome. bS18m (bs18c, this protein) binds to the same site as bacterial bS18, mS40 (bS18b) binds to a novel location of the 28S small subunit, and mL66 (bS18a) binds to the 39S large subunit. Similarity: Belongs to the bacterial ribosomal protein bS18 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	663071184
NCBI GeneID	51023
NCBI Accession #	NP_001284698.1
NCBI GenBank Nucleotide #	NM_001297769.1
UniProt Accession #	Q9Y3D5
Molecular Weight	16 KD
NCBI Official Full Name	28S ribosomal protein S18c, mitochondrial isoform 3
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

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324333>