

Rabbit MRPS18C Polyclonal Antibody | anti-MRPS18C antibody

Rabbit anti-MRPS18C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA221028	Rabbit	Human, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

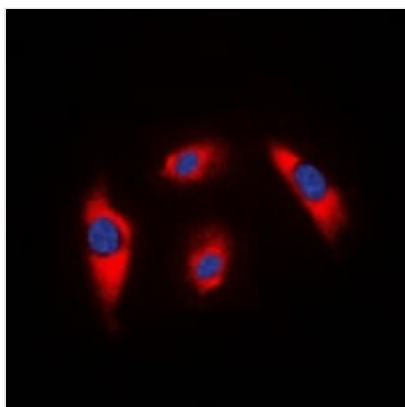
PRODUCT SYNONYMS

MRPS18C; Polyclonal Antibody; Rabbit anti-MRPS18C Antibody; 28S ribosomal protein S18c; mitochondrial; MRP-S18-c; Mrps18-c; S18mt-c; 28S ribosomal protein S18-1; MRP-S18-1; anti-MRPS18C antibody

PRODUCT SPECIFICATIONS

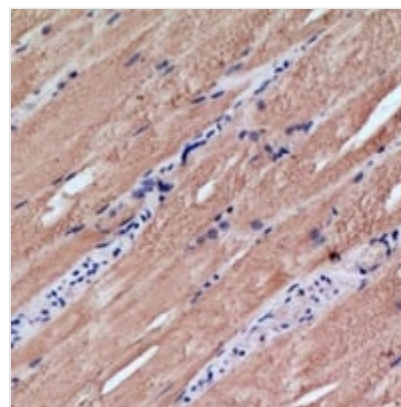
Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MRPS18C antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MRPS18C. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



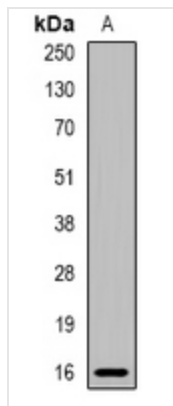
IF (Immunofluorescence)

Immunofluorescent analysis of MRPS18C staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of MRPS18C staining in human skeletal muscle formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of MRPS18C expression in K562 (A) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MRPS18C antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7705630
NCBI GeneID	51023
NCBI Accession #	NP_057151.1
NCBI GenBank Nucleotide #	NM_016067.2
UniProt Accession #	Q9Y3D5
Molecular Weight	15,850 Da
NCBI Official Full Name	28S ribosomal protein S18c, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S18C
NCBI Official Symbol	MRPS18C
NCBI Official Synonym Symbols	CGI-134; MRPS18-1; MRP-S18-1
NCBI Protein Information	28S ribosomal protein S18c, mitochondrial; S18mt-c; mrps18-c; MRP-S18-c; mitochondrial ribosomal protein S18-1; 28S ribosomal protein S18-1, 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.