

Rabbit anti-Human, Mouse MRPS17 Polyclonal Antibody | anti-MRPS17 antibody

MRPS17 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324332	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

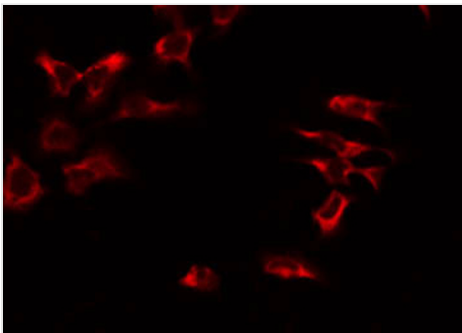
PRODUCT SYNONYMS

MRPS17; Polyclonal Antibody; MRPS17 Antibody; 1810006P02Rik; 28S ribosomal protein S17; 28S ribosomal protein S17 mitochondrial; HSPC011; mitochondrial; Mitochondrial ribosomal protein S17; MRP S17; MRP-S17; mrps17; OTTHUMP00000209315; OTTMUSP00000034583; OTTMUSP00000034585; OTTMUSP00000034586; OTTMUSP00000034588; OTTMUSP00000034590; OTTMUSP00000034591; OTTMUSP00000034592; RPMS17; RT17_HUMAN; S17mt; anti-MRPS17 antibody

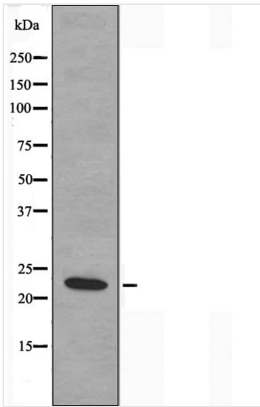
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MRPS17 antibody detects endogenous levels of total MRPS17
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	130
Applicable Applications for anti-MRPS17 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (90%), Bovine (100%), Dog (100%), Chicken (90%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324332 staining NIH-3T3 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) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from A549 cells using MRPS17 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS17 antibody	Subunit Structure: Component of the mitochondrial small ribosomal subunit (mt-SSU). Mature mammalian 55S mitochondrial ribosomes consist of a small (28S) and a large (39S) subunit. The 28S small subunit contains a 12S ribosomal RNA (12S mt-rRNA) and 30 different proteins. The 39S large subunit contains a 16S rRNA (16S mt-rRNA), a copy of mitochondrial valine transfer RNA (mt-tRNA(Val)), which plays an integral structural role, and 52 different proteins. Similarity: Belongs to the universal ribosomal protein uS17 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7705425
NCBI GeneID	51373
NCBI Accession #	NP_057053.1
NCBI GenBank Nucleotide #	NM_015969.2
UniProt Accession #	Q9Y2R5; Q86X15
Molecular Weight	Observed: 22 kD Predicted: 15 kDa
NCBI Official Full Name	28S ribosomal protein S17, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S17
NCBI Official Symbol	MRPS17
NCBI Official Synonym Symbols	S17mt; RPMS17; HSPC011; MRP-S17
NCBI Protein Information	28S ribosomal protein S17, mitochondrial
UniProt Protein Name	28S ribosomal protein S17, mitochondrial
UniProt Gene Name	MRPS17
UniProt Synonym Gene Names	RPMS17; MRP-S17; S17mt

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.