

Rabbit anti-Human, Mouse MRPS15 Polyclonal Antibody | anti-MRPS15 antibody

MRPS15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327796	Rabbit	Human, Mouse	ELISA, Western Blot

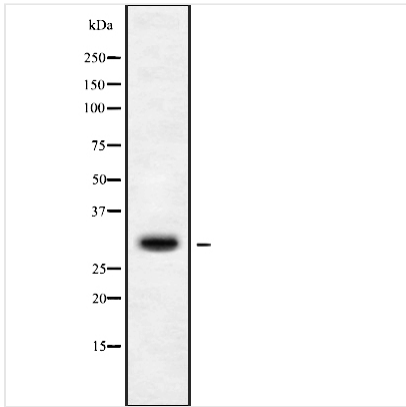
PRODUCT SYNONYMS

MRPS15; Polyclonal Antibody; MRPS15 Antibody; 28S ribosomal protein S15; mitochondrial [Precursor]; DC37; FLJ11564; mitochondrial; mitochondrial ribosomal protein S15; MPR S15; MRP-S15; RPMS15; RT15_HUMAN; S15mt; anti-MRPS15 antibody

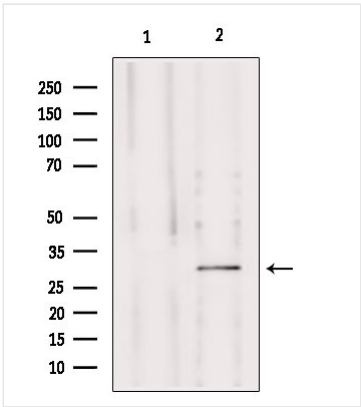
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MRPS15 antibody detects endogenous levels of total MRPS15
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	257
Applicable Applications for anti-MRPS15 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human MRPS15
Subcellular Location	Mitochondrion.
Predicted Cross Reactivity	Sheep
Similarity	Sheep (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of MRPS15 using Jurkat whole cell lysates



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using MRPS15 Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS15 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 uS15 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16554611
NCBI GeneID	64960
NCBI Accession #	NP_112570.2
NCBI GenBank Nucleotide #	NM_031280.3
UniProt Accession #	P82914; Q9H2K1; B2RD82
Molecular Weight	Observed: 30 kDa Predicted: 30 kDa
NCBI Official Full Name	28S ribosomal protein S15, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S15
NCBI Official Symbol	MRPS15
NCBI Official Synonym Symbols	DC37; S15mt; RPMS15; MPR-S15
NCBI Protein Information	28S ribosomal protein S15, mitochondrial
UniProt Protein Name	28S ribosomal protein S15, mitochondrial
UniProt Gene Name	MRPS15
UniProt Synonym Gene Names	RPMS15; MRP-S15; S15mt

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.