

Rabbit anti-Human MRPS30 Polyclonal Antibody | anti-MRPS30 antibody

MRPS30 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324834	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

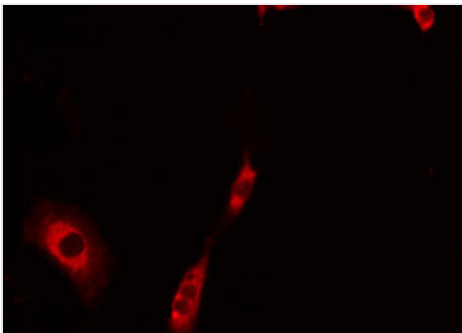
PRODUCT SYNONYMS

MRPS30; Polyclonal Antibody; MRPS30 Antibody; 28S ribosomal protein S30; mitochondrial; Mitochondrial 28S ribosomal protein S30; Mitochondrial ribosomal protein S30; MRP S30; MRP-S30; PAP; PDCD9; Programmed cell death 9; Programmed cell death protein 9; RT30_HUMAN; S30mt; anti-MRPS30 antibody

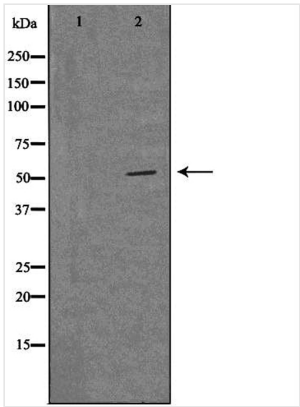
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MRPS30 antibody detects endogenous levels of total MRPS30
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	439
Applicable Applications for anti-MRPS30 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion.
Tissue Specificity	Heart, skeletal muscle, kidney and liver. Lower expression in placenta and peripheral blood leukocytes.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Dog
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324834 staining LOVO 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 LOVO cells, using MRPS30 antibody., The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS30 antibody	Subunit Structure: Component of the mitochondrial large ribosomal subunit (mt-LSU). 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. mL65 forms a heterodimer with mL37. Similarity: Belongs to the mitochondrion-specific ribosomal protein mL65 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58331150
NCBI GeneID	10884
NCBI Accession #	NP_057724.2
NCBI GenBank Nucleotide #	NM_016640.3
UniProt Accession #	Q9NP92; Q96I91; Q96Q19; Q9H0P8; Q9NSF9; Q9NZ76
Molecular Weight	Observed: 55 kD Predicted: 51 kDa
NCBI Official Full Name	39S ribosomal protein S30, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S30
NCBI Official Symbol	MRPS30
NCBI Official Synonym Symbols	PAP; PDCD9; S30mt; MRP-S30
NCBI Protein Information	39S ribosomal protein S30, mitochondrial
UniProt Protein Name	39S ribosomal protein S30, mitochondrial
UniProt Gene Name	MRPS30
UniProt Synonym Gene Names	PDCD9; MRP-S30; S30mt

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.