

Rabbit MRPL30 Polyclonal Antibody | anti-MRPL30 antibody

MRPL30 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327800	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

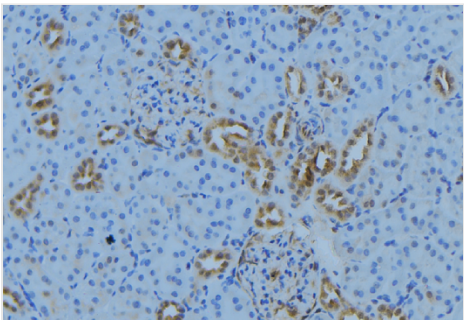
PRODUCT SYNONYMS

MRPL30; Polyclonal Antibody; MRPL30 Antibody; 39S ribosomal protein L28; mitochondrial; 39S ribosomal protein L30; L28MT; L30MT; Mitochondrial ribosomal protein L30; MRP L28; MRP L30; MRPL28; MRPL28M; RPML28; anti-MRPL30 antibody

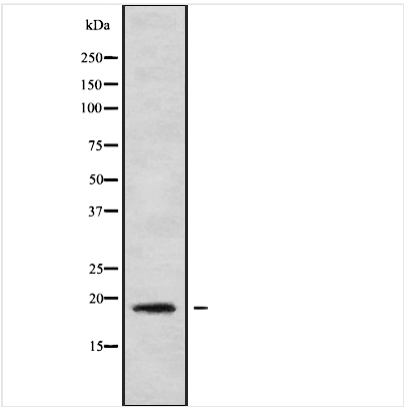
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MRPL30 antibody detects endogenous levels of total MRPL30
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	161
Applicable Applications for anti-MRPL30 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MRPL30
Subcellular Location	Mitochondrion
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (92%), Bovine (92%), Sheep (92%), Rabbit (92%), Dog (92%), Chicken (85%), Xenopus (85%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327800 at 1/100 staining Mouse kidney 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.



WB (Western Blot)
Western blot analysis of MRPL30 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL30 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. Similarity: Belongs to the universal ribosomal protein uL30 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21735604
NCBI GeneID	51263
NCBI Accession #	NP_660213.1
NCBI GenBank Nucleotide #	NM_145212.3
UniProt Accession #	Q8TCC3; Q0D2Q7; Q6ZTP4; Q96Q69; Q9P0N0; A6NIC6; D3DVI0; D3DVI3
Molecular Weight	Observed: 19 kDa Predicted: 19 kDa
NCBI Official Full Name	39S ribosomal protein L30, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L30
NCBI Official Symbol	MRPL30
NCBI Official Synonym Symbols	L28MT; L30MT; MRPL28; RPML28; MRP-L28; MRP-L30; MRPL28M
NCBI Protein Information	39S ribosomal protein L30, mitochondrial
UniProt Protein Name	39S ribosomal protein L30, mitochondrial
UniProt Gene Name	MRPL30
UniProt Synonym Gene Names	MRPL28; RPML28; L30mt; MRP-L30; L28mt; MRP-L28

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.