

Rabbit anti-Human MRPL1 Polyclonal Antibody | anti-MRPL1 antibody

MRPL1 Polyclonal Antibody

CATALOG # AAA279997	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

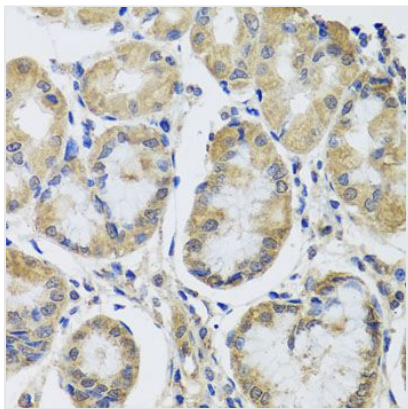
PRODUCT SYNONYMS

MRPL1; Polyclonal Antibody; MRPL1 Polyclonal Antibody; L1MT; BM022; MRP-L1; anti-MRPL1 antibody

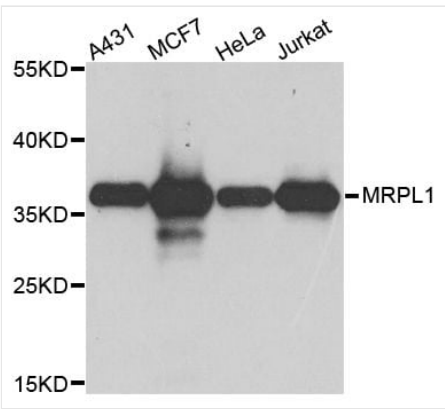
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	325
Applicable Applications for anti-MRPL1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MRPL1
Calculated Molecular Weight	34kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human stomach using MRPL1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using MRPL1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL1 antibody	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein that belongs to the L1 ribosomal protein family.
Product Categories/Family for anti-MRPL1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	239938694
NCBI GeneID	65008
UniProt Accession #	Q9BYD6; Q4W5B8; Q6IAG4; Q96BW3; Q9H793; Q9NRL5; A6NG03
Molecular Weight	325
NCBI Official Full Name	39S ribosomal protein L1, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L1
NCBI Official Symbol	MRPL1
NCBI Official Synonym Symbols	L1MT; BM022; MRP-L1
NCBI Protein Information	39S ribosomal protein L1, mitochondrial
UniProt Protein Name	39S ribosomal protein L1, mitochondrial
UniProt Gene Name	MRPL1
UniProt Synonym Gene Names	L1mt; MRP-L1
UniProt Entry Name	RM01_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.

