

Rabbit anti-Human, Mouse MRPL39 Polyclonal Antibody | anti-MRPL39 antibody

MRPL39 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302316	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

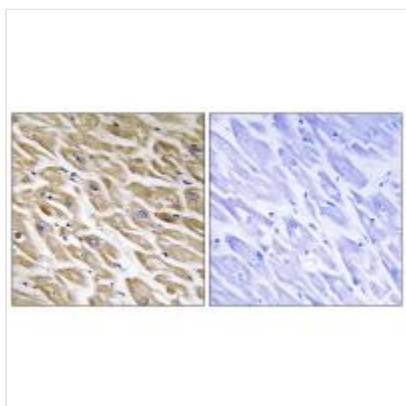
PRODUCT SYNONYMS

MRPL39; Polyclonal Antibody; MRPL39 Antibody; L39mt; MRP-L39; MRP-L5; RM39; anti-MRPL39 antibody

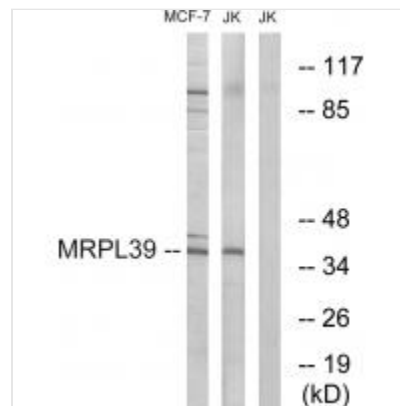
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MRPL39 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	338
Applicable Applications for anti-MRPL39 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MRPL39.
Target Name	MRPL39
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using MRPL39 antibody.


WB (Western Blot)

Western blot analysis of extracts from MCF-7 cells and Jurkat cells, using MRPL39 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL39 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. Two transcript variants encoding distinct isoforms have been described. A pseudogene corresponding to this gene is found on chromosome 5q.Choi D.K., Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.Ota T., Nat. Genet. 36:40-45(2004).Spirina O., Gene 261:229-234(2000).
Product Categories/Family for anti-MRPL39 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886582
NCBI GeneID	54148
NCBI Accession #	NP_059142.2
NCBI GenBank Nucleotide #	NM_017446.3
UniProt Accession #	Q9NYK5; Q32Q74; Q5QTR3; Q96Q65; Q9BSQ7; Q9BZV6; Q9NX44; C9JYA5
Molecular Weight	40,458 Da
NCBI Official Full Name	39S ribosomal protein L39, mitochondrial isoform a
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L39
NCBI Official Symbol	MRPL39
NCBI Official Synonym Symbols	L39mt; MRPL5; RPML5; MRP-L5; PRED22; PRED66; MSTP003; C21orf92
NCBI Protein Information	39S ribosomal protein L39, mitochondrial
UniProt Protein Name	39S ribosomal protein L39, mitochondrial
UniProt Gene Name	MRPL39
UniProt Synonym Gene Names	C21orf92; MRPL5; RPML5; L39mt; MRP-L39; L5mt; MRP-L5
UniProt Entry Name	RM39_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mrpl39-antibody-immunohistochemistry-western-blot-elisa/302316>