Rabbit anti-Human MRPL54 Polyclonal Antibody | anti-MRPL54 antibody

MRPL54 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307086	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

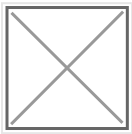
MRPL54; Polyclonal Antibody; MRPL54 Antibody; 39S ribosomal protein 54; mitochondrial; L54mt; mitochondrial ribosomal protein L54; MRP-L54; anti-MRPL54 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MRPL54 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 Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	138
Applicable Applications for anti-MRPL54 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MRPL54.
Target Name	MRPL54
Preparation and Storage	Store at -20 degree C

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using MRPL54 antibody.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using MRPL54 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL54 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.The MGC Project Team; Genome Res. 14:2121-2127(2004).Colinge J., Submitted (OCT-2008) to UniProtKB.
Product Categories/Family for anti-MRPL54 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	27436908
NCBI GeneID	116541
NCBI Accession #	NP_758455.1
NCBI GenBank Nucleotide #	NM_172251.2
UniProt Accession #	Q6P161
Molecular Weight	15,819 Da
NCBI Official Full Name	39S ribosomal protein L54, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L54
NCBI Official Symbol	MRPL54
NCBI Official Synonym Symbols	L54mt; MRP-L54
NCBI Protein Information	39S ribosomal protein L54, mitochondrial
UniProt Protein Name	39S ribosomal protein L54, mitochondrial
UniProt Gene Name	**MRPL54**
UniProt Synonym Gene Names	L54mt; MRP-L54
UniProt Entry Name	RM54_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/mrpl54-antibody-immunohistochemistry-western-blot-elisa/307086