

Rabbit MRPL43 Polyclonal Antibody | anti-MRPL43 antibody

MRPL43 Rabbit Polyclonal Antibody

CATALOG # AAA313759	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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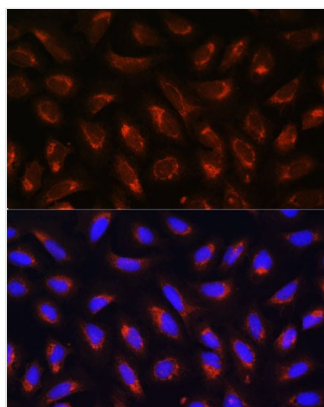
PRODUCT SYNONYMS

MRPL43; Polyclonal Antibody; MRPL43 Rabbit Polyclonal Antibody; L43mt; MRP-L43; bMRP36a; anti-MRPL43 antibody

PRODUCT SPECIFICATIONS

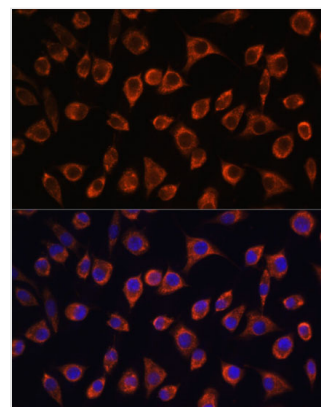
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MRPL43 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MRPL43 (NP_789762.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



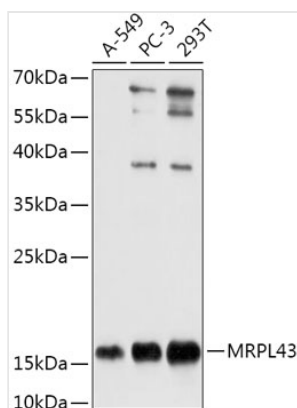
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using MRPL43 at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using MRPL43 at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MRPL43 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL43 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. This gene and the gene for a semaphorin class 4 protein (SEMA4G) overlap at map location 10q24.31 and are transcribed in opposite directions. Sequence analysis identified multiple transcript variants encoding at least four different protein isoforms. [provided by RefSeq, Jul 2008]

Product Categories/Family for anti-MRPL43 antibody

[Primary Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872734
NCBI GeneID	84545
NCBI Accession #	NP_115488.2
NCBI GenBank Nucleotide #	NM_032112.2
UniProt Accession #	Q8N983; Q5JW06; Q7Z719; Q7Z7H6; Q86XN1; Q9BYC7; B1AL07; B1AL09; B1AL10; D3DR71
Molecular Weight	23,431 Da
NCBI Official Full Name	39S ribosomal protein L43, mitochondrial isoform a
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L43
NCBI Official Symbol	MRPL43
NCBI Official Synonym Symbols	bMRP36a
NCBI Protein Information	39S ribosomal protein L43, mitochondrial; L43mt; MRP-L43; mitochondrial ribosomal protein bMRP36a
UniProt Protein Name	39S ribosomal protein L43, mitochondrial
UniProt Gene Name	MRPL43
UniProt Synonym Gene Names	L43mt; MRP-L43
UniProt Entry Name	RM43_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://www.aaabiotech.com/polyclonal/mrpl43-antibody-immunofluorescence-western-blot-elisa/313759>