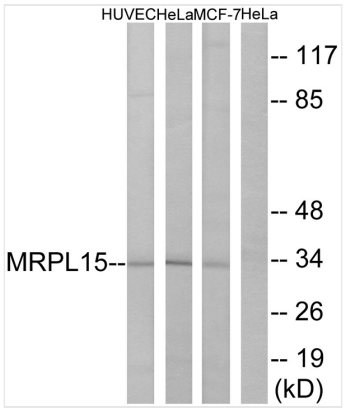
MRPL15 Antibody

PRODUCT OVERVIEW

Product Name	MRPL15, Antibody
Full Product Name	MRPL15 Antibody
Product Gene Name	anti-MRPL15 antibody
Product Synonym Names	39S ribosomal protein L15,mitochondrial [Precursor]; L15mt; MRP-L15; HSPC145
Species Reactivity	Human, Mouse
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	MRPL15 antibody detects endogenous levels of total MRPL15 protein.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	33,420 Da
OMIM	611828
3D Structure	ModBase 3D Structure for Q9P015
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human MRPL15.
Product Categories/Family for anti-MRPL15 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MRPL15 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-MRPL15 antibody	WB: 1:500~1:1000 ELISA: 1:40000
Related Product Information for anti-MRPL15 antibody	MBS852653 is an antibody targeting MRPL15. Also known as MRPL15 Antibody. Reactive in Human, Mouse.
Product References and Citations for anti-MRPL15 antibody	Zhang Q.-H., Genome Res. 10:1546-1560(2000). Wiemann S., Genome Res. 11:422-435(2001). The MGC Project Team; Genome Res. 14:2121-2127(2004).
Other Notes	Small volumes of anti-MRPL15 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-MRPL15 antibody
Western blot analysis of extracts from HUVEC cells, HeLa cells and MCF-7cells, using MRPL15 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MRPL15. It may not necessarily be applicable to this product.

NCBI GI #	7661806
NCBI GeneID	29088
NCBI Accession #	NP_054894.1
UniProt Primary Accession #	Q9P015
UniProt Secondary Accession #	Q96Q54; Q9H0Y1
UniProt Related Accession #	Q9P015
GenBank Nucleotide #	NM_014175.3
NCBI Official Full Name	39S ribosomal protein L15, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L15
NCBI Official Symbol	MRPL15
NCBI Official Synonym Symbols	L15mt; RPML7; MRP-L7; HSPC145; MRP-L15
UniProt Protein Name	39S ribosomal protein L15, mitochondrial
UniProt Synonym Protein Names	Mitochondrial large ribosomal subunit protein uL15m
Protein Family	39S ribosomal protein
UniProt Gene Name	MRPL15
UniProt Synonym Gene Names	L15mt; MRP-L15
NCBI Protein Information	39S ribosomal protein L15, mitochondrial
NCBI Summary for MRPL15	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 EcoL15 ribosomal protein family. A pseudogene corresponding to this gene is found on chromosome 15q. [provided by RefSeq, Jul 2008]
Research Articles on MRPL15	**1.** Observational study of gene-disease association. (HuGE Navigator)

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