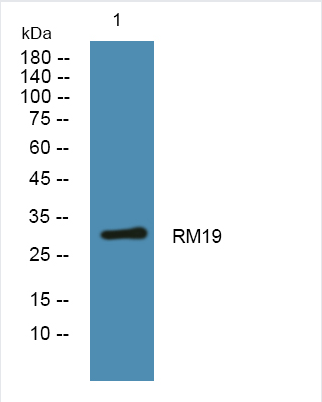
RM19 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RM19, Polyclonal Antibody
Full Product Name	RM19 Rabbit Polyclonal Antibody
Product Gene Name	anti-RM19 antibody
Product Synonym Gene Name	MRPL19, KIAA0104, MRPL15
Product Synonym Names	BH6842; 39S ribosomal protein L19, mitochondrial (L19mt)(MRP-L19)(39S ribosomal protein L15, mitochondrial)(L15mt)(MRP-L15)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	RM19 Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	33,535 Da
OMIM	611832
3D Structure	ModBase 3D Structure for P49406
Immunogen	Synthesized peptide derived from human protein. at AA range: 160-240
Modification	Unmodified/Total
Applications Tested/Suitable for anti-RM19 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-RM19 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-RM19 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. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-RM19 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.
Searchable Terms for RM19 purchase	MBS9516656 is an antibody targeting RM19. Also known as RM19 Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-RM19 antibody
Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RM19. It may not necessarily be applicable to this product.

NCBI GI #	94557305
NCBI GeneID	9801
NCBI Accession #	NP_055578
UniProt Primary Accession #	P49406
UniProt Secondary Accession #	Q53TX9; Q96Q52
UniProt Related Accession #	P49406
GenBank Nucleotide #	NM_014763
NCBI Official Full Name	39S ribosomal protein L19, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L19
NCBI Official Symbol	MRPL19
NCBI Official Synonym Symbols	RLX1; L19mt; MRPL15; RPML15; MRP-L15; MRP-L19
UniProt Protein Name	39S ribosomal protein L19, mitochondrial
UniProt Synonym Protein Names	39S ribosomal protein L15, mitochondrial; L15mt; MRP-L15
UniProt Gene Name	MRPL19
UniProt Synonym Gene Names	KIAA0104; MRPL15; L19mt; MRP-L19; L15mt; MRP-L15
UniProt Entry Name	RM19_HUMAN
NCBI Protein Information	39S ribosomal protein L19, mitochondrial; 39S ribosomal protein L15, mitochondrial; L15mt
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