# antibodies - online.com







# anti-MRPL36 antibody (C-Term)



Image



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Quantity:	100 μL	
Target:	MRPL36	
Binding Specificity:	C-Term	
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Rat, Saccharomyces cerevisiae,	
	Zebrafish (Danio rerio)	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MRPL36 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MRPL36	
Sequence:	PGLLPHLLPA LGFKNKTVLK KRCKDCYLVK RRGRWYVYCK THPRHKQRQM	
Predicted Reactivity:	Cow: 79%, Dog: 82%, Guinea Pig: 75%, Horse: 86%, Human: 100%, Mouse: 83%, Pig: 79%, Rabbit:	
	79%, Rat: 83%, Yeast: 77%, Zebrafish: 85%	
Characteristics:	This is a rabbit polyclonal antibody against MRPL36. It was validated on Western Blot.	
Purification:	Affinity Purified	
Target Details		
Target:	MRPL36	

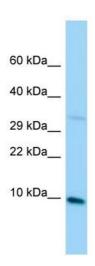
## Target Details

Alternative Name:	MRPL36 (MRPL36 Products)	
Background:	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. A pseudogene corresponding	
	to this gene is found on chromosome 2p.	
	Alias Symbols: BRIP1, L36mt, MGC104245, MRP-L36, PRPL36, RPMJ	
	Protein Interaction Partner: UBC, RRAS, BRCA1,	
	Protein Size: 103	
Molecular Weight:	11 kDa	
Gene ID:	64979	
NCBI Accession:	NM_032479, NP_115868	
UniProt:	Q9P0J6	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 103 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	

### Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	

#### **Images**



#### **Western Blotting**

**Image 1.** Host: Rabbit Target Name: MRPL36 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml