

Datasheet for ABIN2790654  
**anti-MRPL36 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

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
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## Target Details

Alternative Name:	MRPL36 ( <a href="#">MRPL36 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: BRIP1, L36mt, MGC104245, MRP-L36, PRPL36, RPMJ</p> <p>Protein Interaction Partner: UBC, RRAS, BRCA1,</p> <p>Protein Size: 103</p>
Molecular Weight:	11 kDa
Gene ID:	64979
NCBI Accession:	<a href="#">NM_032479</a> , <a href="#">NP_115868</a>
UniProt:	<a href="#">Q9P0J6</a>

## 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 should be handled by trained staff only.

## 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