

Datasheet for ABIN1538545  
**anti-MRPL54 antibody (AA 64-92)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	MRPL54
Binding Specificity:	AA 64-92
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPL54 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MRPL54 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from the Central region of human MRPL54.
Clone:	RB37722
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MRPL54
Alternative Name:	MRPL54 ( <a href="#">MRPL54 Products</a> )
Background:	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein

## Target Details

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].

Gene ID: 116541

NCBI Accession: [NP\\_758455](#)

UniProt: [Q6P161](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

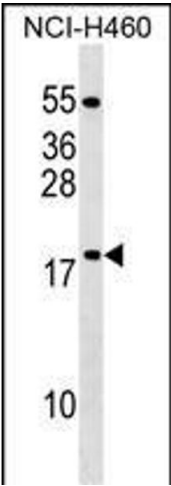
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: MRPL54 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

**Image 1.** MRPL54 Antibody (Center) (ABIN1538545 and ABIN2849272) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the MRPL54 antibody detected the MRPL54 protein (arrow).