

Datasheet for ABIN7258752

**anti-MRPS35 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	MRPS35
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRPS35 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human MRPS35 (NP_068593.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	MRPS35
Alternative Name:	MRPS35 ( <a href="#">MRPS35 Products</a> )
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

## Target Details

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 28S subunit protein that has had confusing nomenclature in the literature. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Pseudogenes corresponding to this gene are found on chromosomes 3p, 5q, and 10q.

Molecular Weight:	Observed_MW: 37 kDa Calculated_MW: 21 kDa/36 kDa
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Gene ID:	60488
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UniProt:	<a href="#">P82673</a>
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## Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 mg/mL
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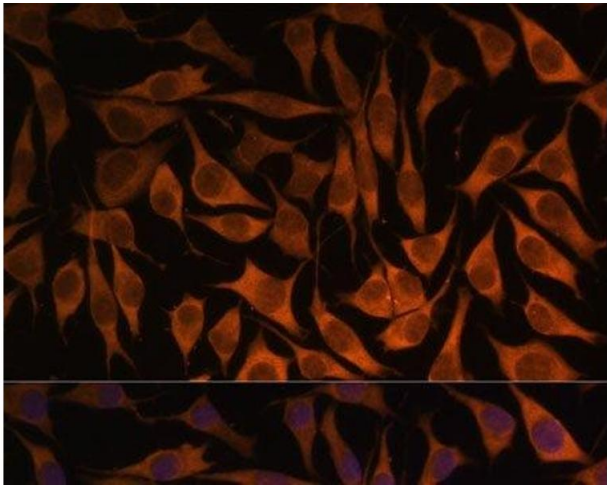
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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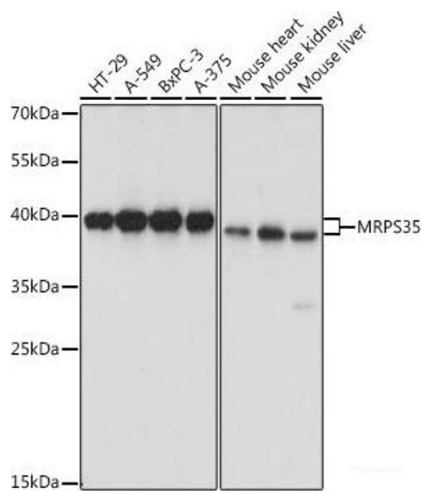
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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### Immunofluorescence

**Image 1.** Immunofluorescence analysis of L929 cells using MRPS35 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using MRPS35 Polyclonal Antibody at dilution of 1:1000.