

# MRPS18C Polyclonal Antibody

Catalog Number:E-AB-18355



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

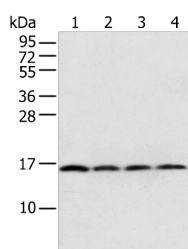
## Description

<b>Reactivity</b>	Human, Mouse
<b>Immunogen</b>	Full length fusion protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

## Applications Recommended Dilution

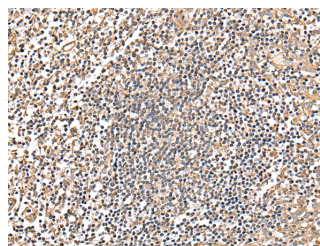
<b>WB</b>	1:1000-1:5000
<b>IHC</b>	1:25-1:100
<b>ELISA</b>	1:2000-1:10000

## Data



Western blot analysis of 231 HeLa K562 cell and Human bladder carcinoma tissue using MRPS18C Polyclonal Antibody at dilution of 1:800

**Observed MW:Refer to figures**  
**Calculated Mw:16 kDa**



Immunohistochemistry of paraffin-embedded Human tonsil tissue using MRPS18C Polyclonal Antibody at dilution of 1:25(×200)

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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.

## For Research Use Only

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Toll-free: 1-888-852-8623

Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017