

## MRPS35 polyclonal antibody

Catalog: BS65234

Host: Rabbit

Reactivity: Human

### Background:

mitochondrial ribosomal protein S35(MRPS35) Homo sapiens 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 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

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Molecular Weight:

~ 40 kDa

### Swiss-Prot:

P82673

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

### Storage&Stability:

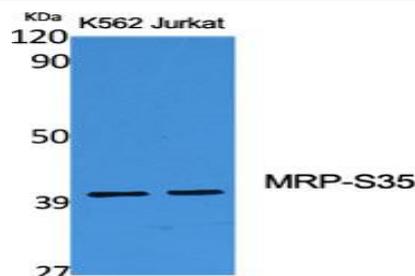
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

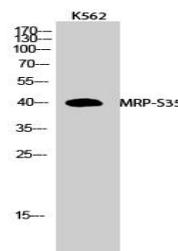
### Specificity:

MRP-S35 Polyclonal Antibody detects endogenous levels of MRP-S35 protein.

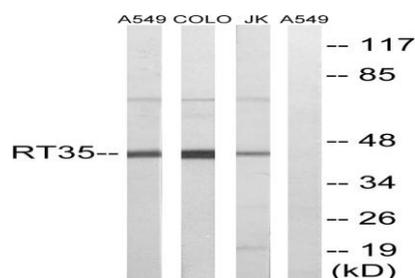
### DATA:



Western Blot analysis of various cells using MRP-S35 Polyclonal Antibody



Western Blot analysis of K562 cells using MRP-S35 Polyclonal Antibody



Western blot analysis of lysates from Jurkat, COLO, and A549 cells, using MRPS35 Antibody. The lane on the right is blocked with the synthesized peptide.

### Note:

For

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## PRODUCT DATA SHEET

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