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**Product Name: MRP-S35 Rabbit Polyclonal Antibody****Catalog #: APRab14156**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
<b>Molecular Weight</b>	40kDa

**Antigen Information**

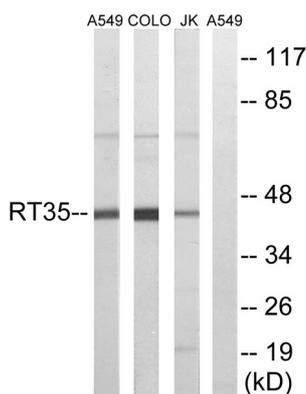
<b>Gene Name</b>	MRPS35
<b>Alternative Names</b>	MRPS35; MRPS28; HDCMD11P; MDS023; PSEC0213; 28S ribosomal protein S35; mitochondrial; MRP-S35; S35mt; 28S ribosomal protein S28, mitochondrial; MRP-S28; S28mt
<b>Gene ID</b>	60488.0
<b>SwissProt ID</b>	P82673
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MRPS35. AA range:211-260

**Background**

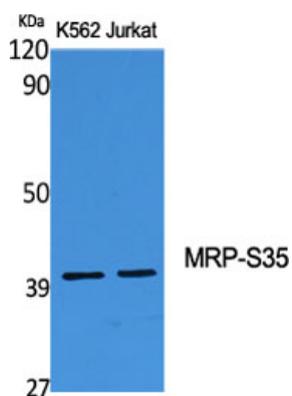
Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic 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. 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 subunit:Component of the mitochondrial ribosome small subunit (28S) which comprises a 12S rRNA and about 30 distinct proteins.,

## Research Area

### Image Data



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.



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

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

