

# MRP-S36 Polyclonal Antibody

Cat No: HR1AP3964

For research use only

## Overview

Product Name	MRP-S36 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	15kDa
GeneID?Human?	MRPS36
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	MRPS36; DC47; 28S ribosomal protein S36; mitochondrial; MRP-S36; S36mt
Background	<p>mitochondrial ribosomal protein S36(MRPS36) Homo sapiens Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. The mitochondrial ribosome (mitoribosome) consists 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. Pseudogenes corresponding to this gene are found on chromosomes 3p, 4q, 8p, 11q, 12q, and 20p. [provided by RefSeq, Jul 2008],</p>