

Rabbit anti-Human, Mouse MRPS35 Polyclonal Antibody | anti-MRPS35 antibody

MRPS35 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177312	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

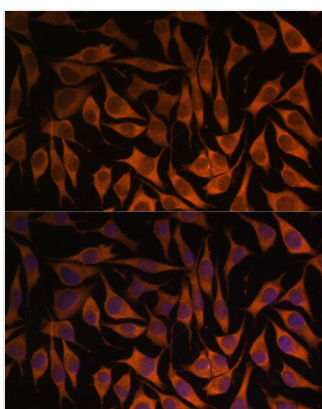
PRODUCT SYNONYMS

MRPS35; Polyclonal Antibody; MRPS35 Polyclonal Antibody; HDCMD11P; MDS023; MRP-S28; MRPS28; anti-MRPS35 antibody

PRODUCT SPECIFICATIONS

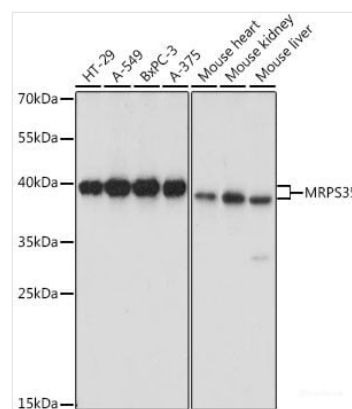
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MRPS35 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MRPS35 (NP_0685932)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS35 antibody	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 chromosomes 3p, 5q, and 10q.
Product Categories/Family for anti-MRPS35 antibody	Epigenetics and Nuclear Signaling; Metabolism; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	300068923
NCBI GeneID	60488
NCBI Accession #	NP_001177793.1
NCBI GenBank Nucleotide #	NM_001190864.1
UniProt Accession #	P82673; Q32LZ1; Q6P4C6; Q7L1M6; Q8NBP4; Q96AI0; Q9H044; Q9HC14; Q9P1R5
Molecular Weight	36,844 Da
NCBI Official Full Name	28S ribosomal protein S35, mitochondrial isoform 2
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S35
NCBI Official Symbol	MRPS35
NCBI Official Synonym Symbols	MDS023; MRPS28; MRP-S28; HDCMD11P
NCBI Protein Information	28S ribosomal protein S35, mitochondrial; S28mt; S35mt; MRP-S35; mitochondrial ribosomal protein S28; 28S ribosomal protein S28, mitochondrial
UniProt Protein Name	28S ribosomal protein S35, mitochondrial
UniProt Gene Name	MRPS35
UniProt Synonym Gene Names	MRPS28; MRP-S35; S35mt; MRP-S28; S28mt
UniProt Entry Name	RT35_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.