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

MRPS35 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176535	**Rabbit**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

MRPS35; Polyclonal Antibody; MRPS35 Polyclonal Antibody; 28S ribosomal protein S28; Mitochondrial; 28S ribosomal protein S35; 28S ribosomal protein S35 mitochondrial precursor; DKFZp762P093; HDCMD11P; MDS023; MGC104278; Mitochondrial ribosomal protein S28; Mitochondrial ribosomal protein S35; MRP S28; MRP S35; MRP-S28; MRP-S35; MRPS 28; MRPS 35; MRPS28; OTTHUMP00000240420; OTTHUMP00000240422; OTTHUMP00000240424; PSEC0213; RT35; S28mt; S35mt; anti-MRPS35 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.96mg/mL (varies by lot)
Sequence Length	194
Applicable Applications for anti-MRPS35 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human MRPS35
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MRPS35 Polyclonal Antibody at dilution of 1:60(×200

WB (Western Blot)
Western blot analysis of LOVO K562 Jurkat and Hela cell lysates using MRPS35 Polyclonal Antibody at dilution of 1:900

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. MRPS35 (Mitochondrial Ribosomal Protein S35) is a Protein Coding gene. Among its related pathways are Mitochondrial translation and Organelle biogenesis and maintenance. GO annotations related to this gene include poly(A) RNA binding and structural constituent of ribosome.
Product Categories/Family for anti-MRPS35 antibody	Epigenetics and Nuclear Signaling; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	300068923
NCBI GeneID	60488
NCBI Accession #	NP_001177793.1; BC015862
NCBI GenBank Nucleotide #	NP_001177793.1
UniProt Accession #	P82673
Molecular Weight	37 kDa
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
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/mrps35-antibody-immunohistochemistry-western-blot-elisa/176535