

Rabbit anti-Human MRPS5 Polyclonal Antibody | anti-MRPS5 antibody

MRPS5 antibody

CATALOG # AAA307804	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

MRPS5; Polyclonal Antibody; MRPS5 antibody; anti-MRPS5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	430
Applicable Applications for anti-MRPS5 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 428 of Human MRPS5
Target Name	MRPS5
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using MRPS5 antibody at 1: 200 dilution.



Application Data

Sample(30 ug whole cell lysate)A: A431B: H1299C: HeLa S3D: Hep G2 10% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS5 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 belongs to the ribosomal protein S5P family. Pseudogenes corresponding to this gene are found on chromosomes 4q, 5q, and 18q. [provided by RefSeq]

NCBI AND UNIPROT INFORMATION

NCBI GI #	13994259
NCBI GeneID	64969
NCBI Accession #	NP_114108
NCBI GenBank Nucleotide #	NM_031902.3
Molecular Weight	27,767 Da
NCBI Official Full Name	28S ribosomal protein S5, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S5
NCBI Official Symbol	MRPS5
NCBI Official Synonym Symbols	S5mt; MRP-S5
NCBI Protein Information	28S ribosomal protein S5, mitochondrial
UniProt Protein Name	28S ribosomal protein S5, mitochondrial
UniProt Gene Name	MRPS5
UniProt Synonym Gene Names	MRP-S5; S5mt
UniProt Entry Name	RT05_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mrps5-antibody-immunofluorescence-western-blot-elisa/307804>