

Rabbit anti-Human MRPS36 Polyclonal Antibody | anti-MRPS36 antibody

MRPS36 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283226	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

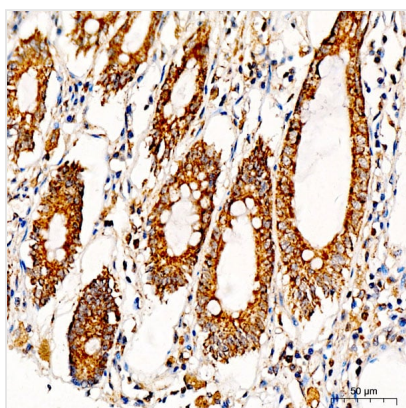
PRODUCT SYNONYMS

MRPS36; Polyclonal Antibody; MRPS36 Rabbit pAb; DC47; MRP-S36; mitochondrial ribosomal protein S36; anti-MRPS36 antibody

PRODUCT SPECIFICATIONS

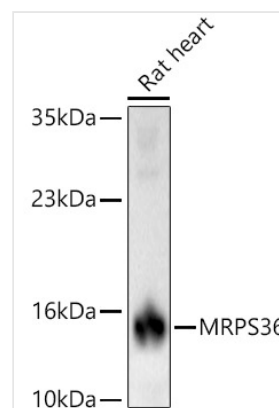
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MMGSKMASAS RVVQVVKPHT PLIRFPDRRD NPKPNVSEAL RSAGLPSHSS VISQHSKGSK SPDLLMYQGP PDTAEIIKTL PQKYRRKLVS QEEMEFIQRG GPE
Applicable Applications for anti-MRPS36 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Rat
Immunogen	Recombinant Protein corresponding to a sequence within amino acids 1-103 of human MRPS36(NP_150597.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



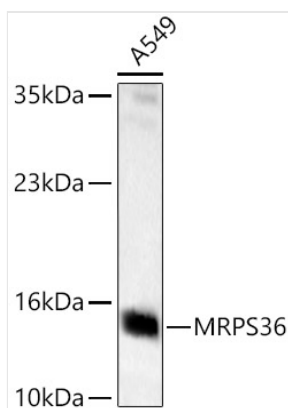
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon tissue using MRPS36 Rabbit pAb (AAA283226) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Rat heart using MRPS36 Rabbit pAb (AAA283226) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



WB (Western Blot)

Western blot analysis of lysates from A549 cells using MRPS36 Rabbit pAb (AAA283226) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS36 antibody

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.

Product Categories/Family for anti-MRPS36 antibody

Epigenetics & Nuclear Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	15150811
NCBI GeneID	92259
NCBI Accession #	NP_150597.1
NCBI GenBank Nucleotide #	NM_033281.5
UniProt Accession #	P82909; Q9H2H4
Molecular Weight	Calculated MW: 11kDa Observed MW: 14kDa
UniProt Protein Name	28S ribosomal protein S36, mitochondrial
UniProt Gene Name	MRPS36
UniProt Synonym Gene Names	MRP-S36; S36mt
UniProt Entry Name	RT36_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://www.aaabiotech.com/polyclonal/mrps36-antibody-immunohistochemistry-western-blot-elisa/283226>