

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

MRPS36 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307283	Rabbit	Human	Immunohistochemistry, Western Blot

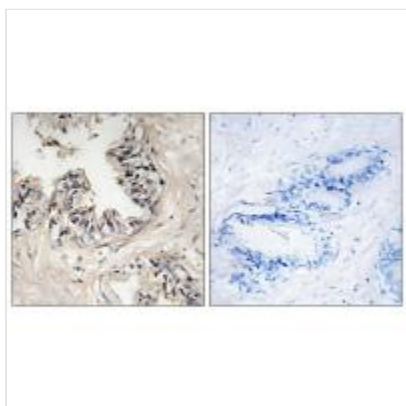
PRODUCT SYNONYMS

MRPS36; Polyclonal Antibody; MRPS36 Antibody; DC47; mitochondrial 28S ribosomal protein S36; MRP-S36; RT36; S36mt; anti-MRPS36 antibody

PRODUCT SPECIFICATIONS

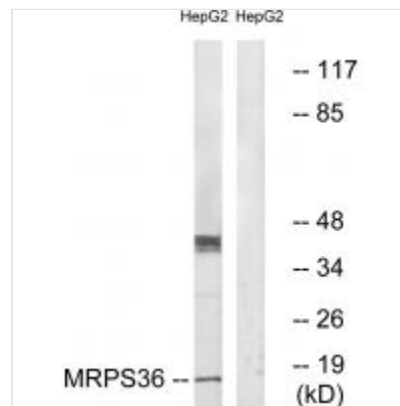
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MRPS36 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	103
Applicable Applications for anti-MRPS36 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MRPS36.
Target Name	MRPS36
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MRPS36 antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, using MRPS36 antibody.

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.Xu X., Submitted (MAY-2000) to the EMBL/GenBank/DBJ databases.The MGC Project Team; Genome Res. 14:2121-2127(2004).Koc E.C., J. Biol. Chem. 276:19363-19374(2001).
Product Categories/Family for anti-MRPS36 antibody	Total protein Ab

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	11,466 Da
NCBI Official Full Name	28S ribosomal protein S36, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S36
NCBI Official Symbol	MRPS36
NCBI Official Synonym Symbols	DC47; MRP-S36
NCBI Protein Information	28S ribosomal protein S36, mitochondrial
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/mrps36-antibody-immunohistochemistry-western-blot-elisa/307283>