

Rabbit anti-Human MRPS28 Polyclonal Antibody | anti-MRPS28 antibody

MRPS28 Polyclonal Antibody

CATALOG # AAA176668	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MRPS28; Polyclonal Antibody; MRPS28 Polyclonal Antibody; Mitochondrial Ribosomal Protein S28; Mitochondrial Small Ribosomal Subunit Protein BS1m; MRP-S35; anti-MRPS28 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.86mg/mL (varies by lot)
Sequence Length	187
Applicable Applications for anti-MRPS28 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human MRPS28
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



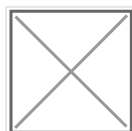
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using MRPS28 Polyclonal Antibody at dilution of 1:105(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using MRPS28 Polyclonal Antibody at dilution of 1:105(×200)



WB (Western Blot)

Western blot analysis of HL-60 Jurkat and A549 cell lysates using MRPS28 Polyclonal Antibody at dilution of 1:650

ADDITIONAL INFORMATION

Related Product Information for anti-MRPS28 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 been called mitochondrial ribosomal protein S35 in the literature.
Product Categories/Family for anti-MRPS28 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661730
NCBI GeneID	28957
NCBI Accession #	NP_054737.1 ; BC010150
NCBI GenBank Nucleotide #	NP_054737.1
UniProt Accession #	Q9Y2Q9
Molecular Weight	21 kDa
NCBI Official Full Name	28S ribosomal protein S28, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein S28
NCBI Official Symbol	MRPS28
NCBI Official Synonym Symbols	MRPS35; HSPC007; MRP-S28; MRP-S35
NCBI Protein Information	28S ribosomal protein S28, mitochondrial
UniProt Protein Name	28S ribosomal protein S28, mitochondrial
UniProt Gene Name	MRPS28
UniProt Synonym Gene Names	MRPS35; MRP-S28; S28mt; MRP-S35; S35mt
UniProt Entry Name	RT28_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/mrps28-antibody-immunohistochemistry-western-blot-elisa/176668>