

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

MRPS28 Rabbit Polyclonal Antibody

CATALOG # AAA313879	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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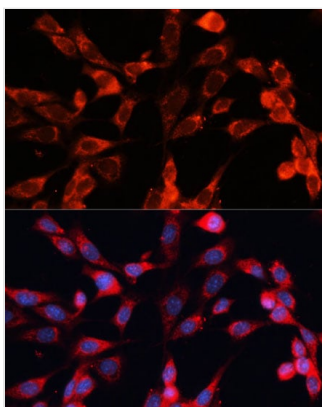
PRODUCT SYNONYMS

MRPS28; Polyclonal Antibody; MRPS28 Rabbit Polyclonal Antibody; HSPC007; MRP-S28; MRP-S35; MRPS35; anti-MRPS28 antibody

PRODUCT SPECIFICATIONS

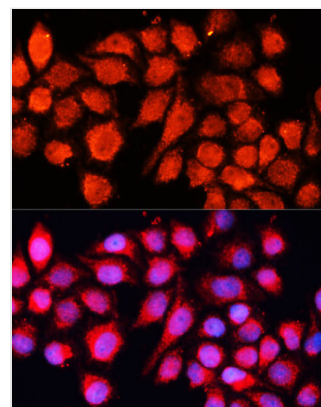
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MRPS28 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MRPS28 (NP_054737.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



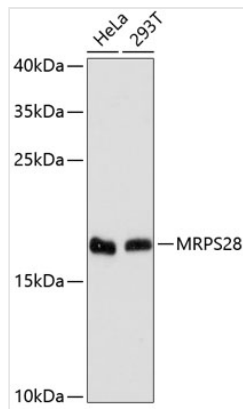
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using MRPS28 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using MRPS28 Polyclonal at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MRPS28 at 1:3000 dilution.

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

[Primary Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661730
NCBI GeneID	28957
NCBI Accession #	NP_054737.1
NCBI GenBank Nucleotide #	NM_014018.2
UniProt Accession #	Q9Y2Q9 ; Q96Q21 ; B2RDZ7
Molecular Weight	20,843 Da
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.

