

Rabbit MRPL28 Polyclonal Antibody | anti-MRPL28 antibody

MRPL28 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167407	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MRPL28; Polyclonal Antibody; MRPL28 Antibody; p15; MAAT1; anti-MRPL28 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	128
Applicable Applications for anti-MRPL28 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human MRPL28
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-55683 / sc-55684 / sc-55685 / sc-292181
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using MRPL28 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MRPL28 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL28 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 39S subunit protein, a part of which was originally isolated by its ability to recognize tyrosinase in an HLA-A24-restricted fashion.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456461
NCBI GeneID	10573
Molecular Weight	30,157 Da
NCBI Official Full Name	MRPL28, partial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L28
NCBI Official Symbol	MRPL28
NCBI Official Synonym Symbols	p15; MAAT1
NCBI Protein Information	39S ribosomal protein L28, mitochondrial; L28mt; MRP-L28; melanoma antigen p15; melanoma-associated antigen recognised by cytotoxic T lymphocytes; melanoma-associated antigen recognized by T lymphocytes; melanoma-associated antigen recognized by T-lymphocytes
UniProt Protein Name	39S ribosomal protein L28, mitochondrial
UniProt Gene Name	MRPL28
UniProt Synonym Gene Names	MAAT1; L28mt; MRP-L28
UniProt Entry Name	RM28_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/mrpl28-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/167407>