

Rabbit anti-Human, Rat MRPL28 Polyclonal Antibody | anti-MRPL28 antibody

MRPL28 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279771	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

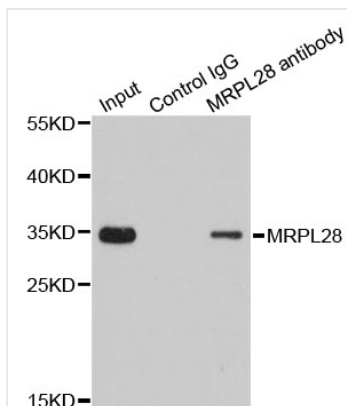
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

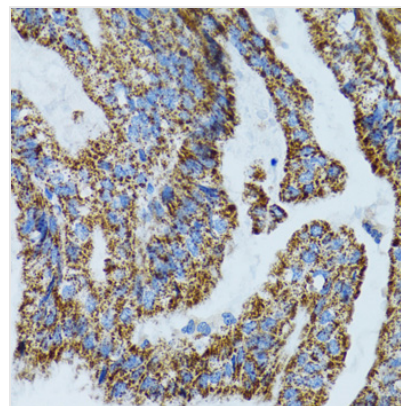
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	256
Applicable Applications for anti-MRPL28 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human MRPL28
Calculated Molecular Weight	30kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



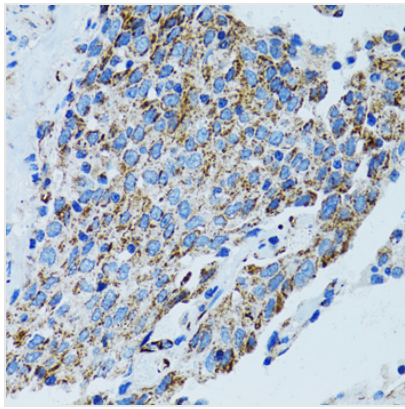
IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of 293T cells using 1ug MRPL28 antibody. Western blot was performed from the immunoprecipitate using MRPL28 antibody at a dilution of 1:1000.



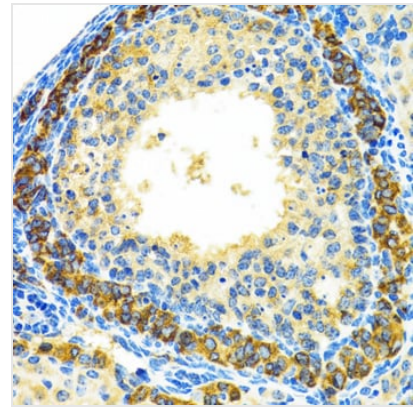
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using MRPL28 antibody at dilution of 1:100 (40x lens).



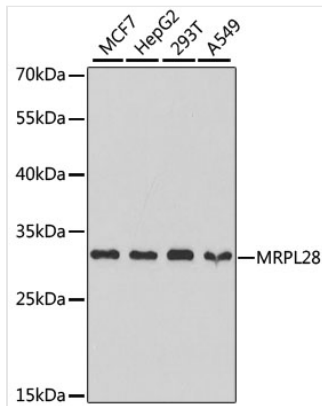
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using MRPL28 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat ovary using MRPL28 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MRPL28 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit.

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.

Product Categories/Family for anti-MRPL28 antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	85695426
NCBI GeneID	10573
UniProt Accession #	Q13084; Q4TT39; Q96S26; Q9BQD8; Q9BR04; B2RCM4; D3DU46
Molecular Weight	256
NCBI Official Full Name	39S ribosomal protein L28, mitochondrial
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 recognized by T lymphocytes; melanoma-associated antigen recognized by T-lymphocytes; melanoma-associated antigen recognised by cytotoxic 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://www.aaabiotech.com/polyclonal/mrpl28-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279771>