

Rabbit anti-Human, Rat MRPL30 Polyclonal Antibody | anti-MRPL30 antibody

MRPL30 Rabbit pAb

CATALOG # AAA281664	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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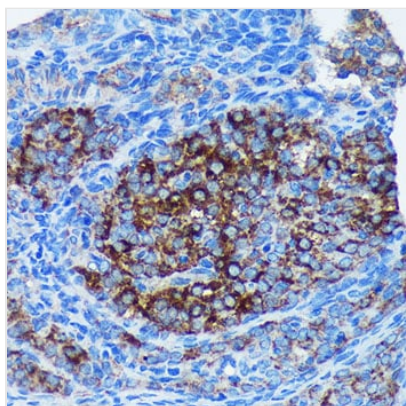
PRODUCT SYNONYMS

MRPL30; Polyclonal Antibody; MRPL30 Rabbit pAb; L28MT; L30MT; MRP-L28; MRP-L30; MRPL28; MRPL28M; RPML28; anti-MRPL30 antibody

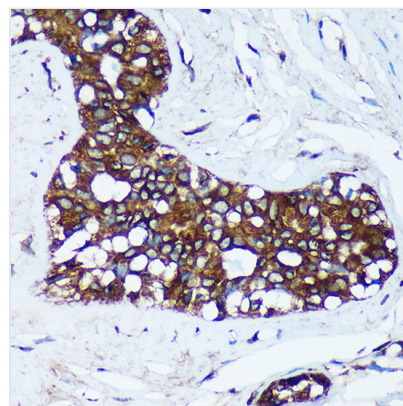
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MAGILRLVVQ WPPGRLQTVT KGVESLICTD WIRHKFTRSR IPEKVFQASP EDHEKYGGDP QNPHKLHIVT RIKSTRRRPY WEKDIKMLG LEKAHTPQVH KNIPSVNAKL KVVKHLIRIK PLKLPQGLPA EENMSNTCLK STGELVVQWH LKPVEQKAHE S
Applicable Applications for anti-MRPL30 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-161 of human MRPL30 (NP_660213.1).
Cellular Location	Mitochondrion
Positive Samples	HeLa, U-251MG, 293T
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

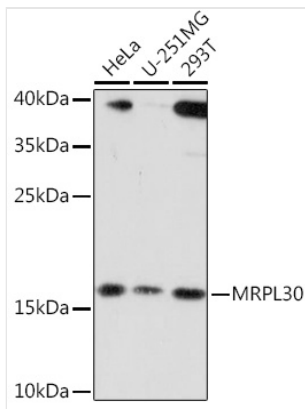
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat ovary using MRPL30 Rabbit pAb at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer using MRPL30 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MRPL30 Rabbit pAb at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL30 antibody

Background: 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. Alternative splicing results in multiple transcript variants. Pseudogenes corresponding to this gene are found on chromosomes 6p and 12p. Read-through transcription also exists between this gene and the neighboring upstream lipoyltransferase 1 (LIPT1) gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21735604
NCBI GeneID	51263
NCBI Accession #	NP_660213.1
NCBI GenBank Nucleotide #	NM_145212.3
UniProt Accession #	Q8TCC3; Q0D2Q7; Q6ZTP4; Q96Q69; Q9P0N0; A6NIC6; D3DVI0; D3DVI3
Molecular Weight	18,546 Da
NCBI Official Full Name	39S ribosomal protein L30, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L30
NCBI Official Symbol	MRPL30
NCBI Official Synonym Symbols	L28MT; L30MT; MRPL28; RPML28; MRP-L28; MRP-L30; MRPL28M
NCBI Protein Information	39S ribosomal protein L30, mitochondrial; 39S ribosomal protein L28, mitochondrial
UniProt Protein Name	39S ribosomal protein L30, mitochondrial
UniProt Gene Name	MRPL30
UniProt Synonym Gene Names	MRPL28; RPML28; HSPC249; L30mt; MRP-L30; L28mt; MRP-L28
UniProt Entry Name	RM30_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/mrpl30-antibody-immunohistochemistry-western-blot-elisa/281664>