

Rabbit MRPL45 Polyclonal Antibody | anti-MRPL45 antibody

MRPL45 Polyclonal Antibody

CATALOG # AAA174198	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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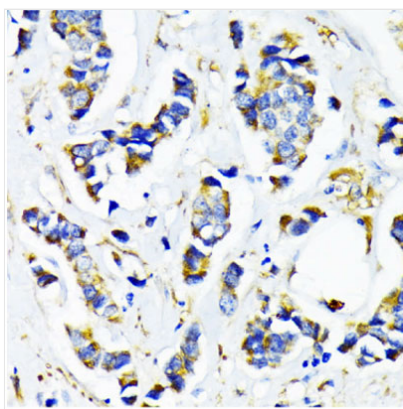
PRODUCT SYNONYMS

MRPL45; Polyclonal Antibody; MRPL45 Polyclonal Antibody; 39S ribosomal protein L45; 39S ribosomal protein L45 mitochondrial; L45mt; MGC11321; mitochondrial; Mitochondrial ribosomal protein L45; MRP L45; MRP-L45; RM45; anti-MRPL45 antibody

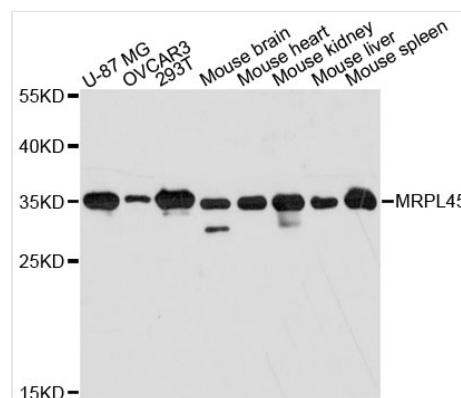
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MRPL45 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MRPL45 (NP_115727.5).
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffinembedded Human breast cancer using MRPL45 Polyclonal Antibody at dilution of 1:100 (40x lens).


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MRPL45 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL45 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. Alternative splicing results in multiple transcript variants. Pseudogenes corresponding to this gene are found on chromosomes 2p and 17q.
Product Categories/Family for anti-MRPL45 antibody	Cancer; Epigenetics and Nuclear Signaling; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	29611869
NCBI GeneID	84311
UniProt Accession #	Q9BRJ2; Q6ZMJ5; A1L436
Molecular Weight	Calculated MW: 35kDa Observed MW: 35kDa
NCBI Official Full Name	39S ribosomal protein L45, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L45
NCBI Official Symbol	MRPL45
NCBI Official Synonym Symbols	L45mt; MRP-L45
NCBI Protein Information	39S ribosomal protein L45, mitochondrial
UniProt Protein Name	39S ribosomal protein L45, mitochondrial
UniProt Gene Name	MRPL45
UniProt Synonym Gene Names	L45mt; MRP-L45

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/mrpl45-antibody-immunohistochemistry-western-blot-elisa/174198>