

Rabbit anti-Human 39S ribosomal protein L19, mitochondrial Polyclonal Antibody | anti-MRPL19 antibody

Rabbit anti-human 39S ribosomal protein L19, mitochondrial polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229333	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

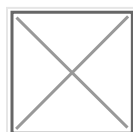
PRODUCT SYNONYMS

39S ribosomal protein L19; mitochondrial; Polyclonal Antibody; Rabbit anti-human 39S ribosomal protein L19; mitochondrial polyclonal Antibody; 39S ribosomal protein L15; mitochondrial MRPL19 KIAA0104; MRPL15; anti-MRPL19 antibody

PRODUCT SPECIFICATIONS

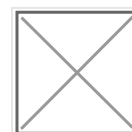
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	292
Applicable Applications for anti-MRPL19 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human 39S ribosomal protein L19, mitochondrial protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



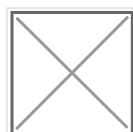
IHC (Immunohistochemistry)

Immunofluorescent analysis of Hela cells using AAA229333 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA229333 at dilution of 1:50



WB (Western Blot)

All lanes: 39S ribosomal protein L19, mitochondrial antibody at 2ug/ml Lane 1: MCF-7 whole cell lysate Lane 2: mouse liver tissue Secondary Goat polyclonal to Rabbit IgG at 1/10000 dilution Predicted band size: 34kDa Observed band size: 34kDa Immunohistochemistry

ADDITIONAL INFORMATION

Related Product Information for anti-MRPL19 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.
Product Categories/Family for anti-MRPL19 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	94557305
NCBI GeneID	9801
NCBI Accession #	NP_055578.2
NCBI GenBank Nucleotide #	NM_014763.3
UniProt Accession #	P49406 ; Q53TX9 ; Q96Q52
Molecular Weight	33,535 Da
NCBI Official Full Name	39S ribosomal protein L19, mitochondrial
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L19
NCBI Official Symbol	MRPL19
NCBI Official Synonym Symbols	RLX1; L19mt; MRPL15; RPML15; MRP-L15; MRP-L19
NCBI Protein Information	39S ribosomal protein L19, mitochondrial
UniProt Protein Name	39S ribosomal protein L19, mitochondrial
UniProt Gene Name	MRPL19
UniProt Synonym Gene Names	KIAA0104; MRPL15; L19mt; MRP-L19; L15mt; MRP-L15
UniProt Entry Name	RM19_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/39s-ribosomal-protein-l19-mitochondrial-antibody-immunohistochemistry-western-blot-elisa/229333>