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MRPL19 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19296a

Specification

MRPL19 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	P49406
Other Accession	NP_055578.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**33535**
Antigen Region	**49-76**

MRPL19 Antibody (N-term) - Additional Information

Gene ID 9801

Other Names
39S ribosomal protein L19, mitochondrial, L19mt, MRP-L19, 39S ribosomal protein L15, mitochondrial, L15mt, MRP-L15, MRPL19, KIAA0104, MRPL15

Target/Specificity
This MRPL19 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 49-76 amino acids from the N-terminal region of human MRPL19.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MRPL19 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MRPL19 Antibody (N-term) - Protein Information

Name MRPL19

Synonyms KIAA0104, MRPL15

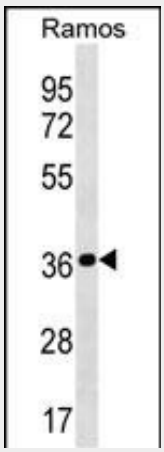
Cellular Location
Mitochondrion

MRPL19 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MRPL19 Antibody (N-term) - Images



MRPL19 Antibody (N-term)(Cat. #AP19296a) western blot analysis in Ramos cell line lysates (35ug/lane).This demonstrates the MRPL19 antibody detected the MRPL19 protein (arrow).

MRPL19 Antibody (N-term) - 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. [provided by RefSeq].

MRPL19 Antibody (N-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Anthoni, H., et al. Hum. Mol. Genet. 16(6):667-677(2007)
Hillier, L.W., et al. Nature 434(7034):724-731(2005)
Zhang, Z., et al. Genomics 81(5):468-480(2003)
Kenmochi, N., et al. Genomics 77 (1-2), 65-70 (2001) :