

MRP-L17 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05575
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from MRP-L17 . at AA range: 100-180
Mol wt	20050
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	MRP-L17 Antibody
Synonyms	MRPL17; LIP2; 39S ribosomal protein L17; mitochondrial; L17mt; MRP-L17; LYST-interacting protein 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. MRPL17 (mitochondrial ribosomal protein L17) encodes a 39S subunit protein.

Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year