

MRPL4 Rabbit pAb

db23906

Package : 20µL 50µL 100µL

Product Name : MRPL4 Rabbit pAb**Cat.No.:** db23906**Synonyms** : L4mt; CGI-28**Application** : WB, IHC**Reactivity** : Human**Host species** : Rabbit**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. Sequence analysis identified alternatively spliced variants that encode different protein isoforms. [provided by RefSeq, Jul 2008]

Immunogen

Recombinant protein of human MRPL4

Gene ID

51073

Swiss Prot

Q9BYD3

Synonyms

L4mt; CGI-28

Reactivity

Human

Application

WB, IHC

Recommended dilution

WB: 1:1000

IHC: 1:50

Calculated MW

35 kDa

Observed MW

35 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.