

## MRPL16 Rabbit pAb

db24605

Package : 20μL 50μL 100μL

**Product Name** : MRPL16 Rabbit pAb**Cat.No.:** db24605**Synonyms** : L16mt; MRP-L16; PNAS-111**Application** : WB, IHC**Reactivity** : Human, Mouse, Rat**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. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human MRPL16

**Gene ID**

54948, 94063, 293754

**Swiss Prot**

Q9NX20, Q99N93, Q5M818

**Synonyms**

L16mt; MRP-L16; PNAS-111

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC

**Recommended dilution**

WB: 1:1000

IHC: 1:50

**Calculated MW**

28 kDa

**Observed MW**

28 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.