



RT28 Polyclonal Antibody

Catalog No	YP-Ab-05733
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	MRPS28 MRPS35 HSPC007
Immunogen	Synthesized peptide derived from human protein . at AA range: 110-190
Specificity	RT28 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MRPS35;MRP-S28;MRPS 28;MRP S35;MRP S28;RT28;MRPS28 MRPS35 HSPC007;28S ribosomal protein S28;mitochondrial (MRP-S28) (S28mt) (28S ribosomal protein S35;mitochondrial) (MRP-S35) (S35mt)
Observed Band	20kD
Calculated Molecular Weight	20kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Umbilical cord blood,Uterus,
Function	subunit:Component of the mitochondrial ribosome small subunit (28S) which comprises a 12S rRNA and about 30 distinct proteins.,
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 28S subunit protein that has been called mitochondrial ribosomal protein S35 in the literature. [provided by RefSeq, Jul 2008],

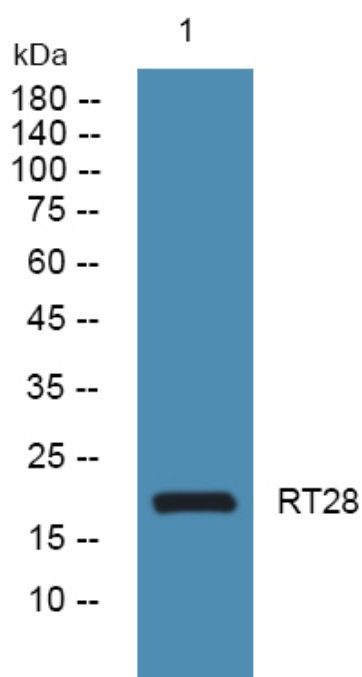
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night