



RM28 Polyclonal Antibody

Catalog No	YP-Ab-05228
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	MRPL28 MAAT1
Immunogen	Synthesized peptide derived from human protein . at AA range: 1-80
Specificity	RM28 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	L28mt;Large ribosomal subunit protein bL28m;MAAT1;Melanoma antigen p15; Melanoma-associated antigen recognized by T-lymphocytes;RM28;MRPL28 MAAT1;39S ribosomal protein L28;mitochondrial (L28mt) (MRP-L28) (Melanoma antigen p15) (Melanoma-associated antigen recognized by T-lymphocytes)
Observed Band	28kD
Calculated Molecular Weight	28kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Found in a variety of normal tissues including spleen, testes, thymus, liver, kidney, brain, adrenal, lung and retinal tissue.
Function	miscellaneous:Potentially represents an important therapeutic reagent for HLA-A24 patients. This antigen is recognized by tumor-infiltrating lymphocyte (TIL) 1290 in the context of HLA-A24.,similarity:Belongs to the ribosomal protein L28P family.,tissue specificity:Found in a variety of normal tissues including spleen, testes, thymus, liver, kidney, brain, adrenal, lung and retinal tissue.,



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, a part of which was originally isolated by its ability to recognize tyrosinase in an HLA-A24-restricted fashion. [provided by RefSeq, Jul 2008],

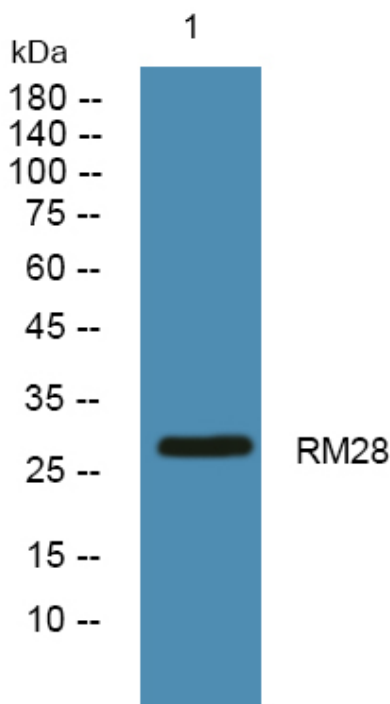
matters needing attention

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 A431 cells, primary antibody was diluted at 1:1000, 4° over night