



MRP-L24 Polyclonal Antibody

Catalog No	YP-Ab-03985
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	MRPL24
Immunogen	The antiserum was produced against synthesized peptide derived from human MRPL24. AA range:101-150
Specificity	MRP-L24 Polyclonal Antibody detects endogenous levels of MRP-L24 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MRP-L24;MRP L24;MRP L18;Large ribosomal subunit protein uL24m;L24mt;MRPL24;39S ribosomal protein L24 mitochondrial;39S ribosomal protein L24;mitochondrial
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Adipose tissue,Bone marrow,Ovary,
Function	similarity:Belongs to the ribosomal protein L24P family.,similarity:Contains 1 KOW domain.,
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 which is more than twice the size of its E.coli counterpart (EcoL24). Sequence analysis identified two transcript variants that encode the same protein. [provided by RefSeq, Jul 2008],

matters needing attention

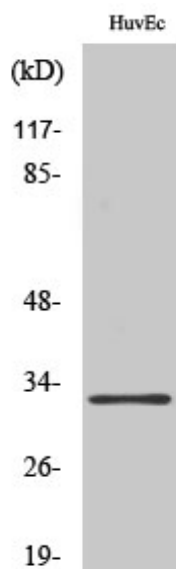
Avoid repeated freezing and thawing!

Usage suggestions

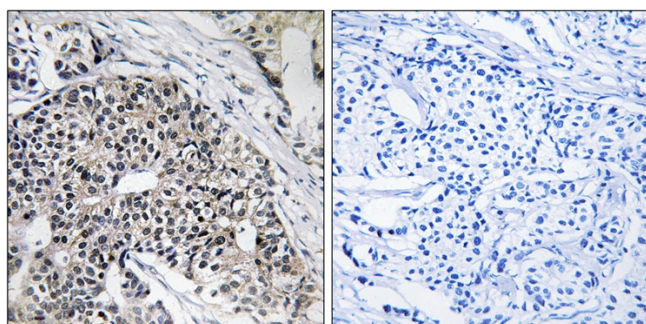
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



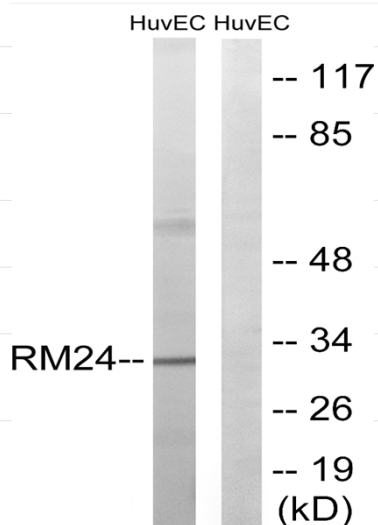
Products Images



Western Blot analysis of various cells using MRP-L24 Polyclonal Antibody diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MRPL24 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using MRPL24 Antibody. The lane on the right is blocked with the synthesized peptide.