



MRP-L13 Polyclonal Antibody

Catalog No	YP-Ab-03976
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	MRPL13
Immunogen	The antiserum was produced against synthesized peptide derived from human MRPL13. AA range:121-170
Specificity	MRP-L13 Polyclonal Antibody detects endogenous levels of MRP-L13 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	L13;L13A;L13mt;MRP L13;MRPL13;RPL13;RPML13;MRP-L13;39S ribosomal protein L13 mitochondrial;39S ribosomal protein L13;mitochondrial
Observed Band	24kD
Calculated Molecular Weight	24kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Adrenal gland,Brain,Placenta,
Function	similarity:Belongs to the ribosomal protein L13P family.,
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],

matters needing attention

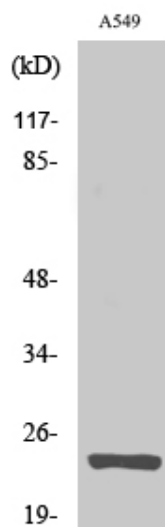
Avoid repeated freezing and thawing!

Usage suggestions

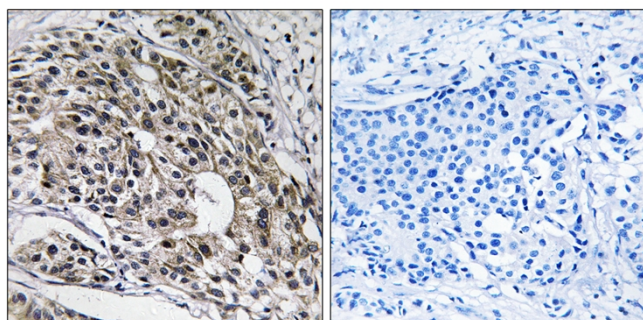
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



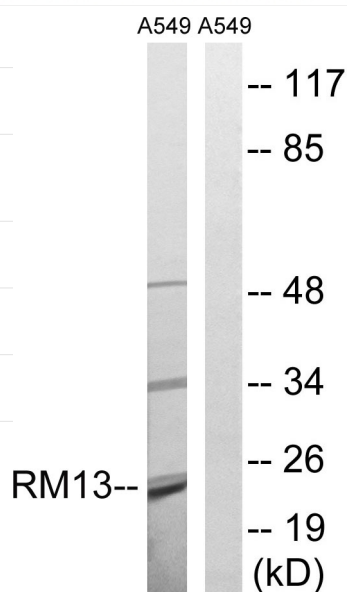
Products Images



Western Blot analysis of various cells using MRP-L13 Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MRPL13 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 cells, using MRPL13 Antibody. The lane on the right is blocked with the synthesized peptide.