



RPOM Polyclonal Antibody

Catalog No	YP-Ab-05539
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	POLRMT
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RPOM 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	MTRPOL;MTRNAP;h mtRPOL;EC:2.7.7.6;DNA-directed RNA polymerase; mitochondrial;RPOM;POLRMT;mitochondrial (MtRPOL) (EC 2.7.7.6)
Observed Band	130-139 kDa
Calculated Molecular Weight	1230 aa, 139 kDa
Cell Pathway	Mitochondrion .
Tissue Specificity	Aorta endothelial cell,Brain,Liver,
Function	catalytic activity:Nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1)., function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates., similarity:Belongs to the phage and mitochondrial RNA polymerase family., subunit:Interacts with TFB1M and TFB2M, leading to the stimulation of transcription.,
Background	This gene encodes a mitochondrial DNA-directed RNA polymerase. The gene product is responsible for mitochondrial gene expression as well as for providing RNA primers for initiation of replication of the mitochondrial genome. Although this polypeptide has the same function as the three nuclear DNA-directed RNA polymerases, it is more closely related to RNA polymerases of phage and

mitochondrial polymerases of lower eukaryotes. [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