



RPOM Polyclonal Antibody

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| Catalog No | BYab-05539 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB;ELISA |
| Gene Name | POLRMT |
| Protein Name | DNA-directed RNA polymerase, mitochondrial (MtRPOL) (EC 2.7.7.6) |
| 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 | |
| Observed Band | 135kD |
| 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 |

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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