Datasheet for ABIN6944164
anti-POLRMT antibody (AA 951-1050) (Biotin)


## Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | POLRMT |
| Binding Specificity: | AA 951-1050 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This POLRMT antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), |
|  | Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human mtRNA polymerase |
| :--- | :--- |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat |
| Purification: | Purified by Protein A. |
| Target Details | POLRMT |
| Target: | mtRNA polymerase (POLRMT Products) |
| Alternative Name: |  |


| Background: | Synonyms: APOLMT, DNA-directed RNA polymerase, DNA-directed RNA polymerase mitochondrial, h-mtRPOL, mitochondrial, MTRNAP, MtRPOL, POLRMT, polymerase (RNA) mitochondrial (DNA directed), polymerase, RNA, mitochondrial, RPOM, RPOM_HUMAN. 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] |
| :---: | :---: |
| Gene ID: | 5442 |
| UniProt: | 000411 |
| Application Details |  |
| Application Notes: | WB 1:300-5000 |
|  | IHC-P 1:200-400 |
|  | IHC-F 1:100-500 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $1 \mu \mathrm{~g} / \mu \mathrm{L}$ |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4 ) with $1 \% \mathrm{BSA}, 0.03 \%$ Proclin300 and 50 \% Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | $-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Store at - $20^{\circ} \mathrm{C}$ for 12 months. |
| Expiry Date: | 12 months |

