

DNAxPAb

Hard-to-Find  
Antibody

# POLRMT DNAxPab

Catalog # H00005442-W01P

Size 200 ug

## Specification

**Product Description** Rabbit polyclonal antibody raised against a full-length human POLRMT DNA using DNAx™ Immune technology.

**Technology** [DNAx™ Immune](#)

**Immunogen** Full-length human DNA

**Sequence**

MSALCWGRGAAGLKRALRPCGRPLPGKEGTAGGVCGPRRSSSASPQEQDQDRRKDWGHVE  
LLEVLQARVRQLQAESVSEVVVNRVDVARLPECGSGDGSLLQPPRKVQMGAKDATPVPCGRWA  
KILEKDKRTQQMRMQRKAKLQMPFQSGEFKALTRRLQVEPRLLSKQMAGCLEDCRQAPESP  
WEEQLAQLLQEAPGKLSLDVEQAPSGQHSQAQLSGQQQRLLAFFKCCLLTDQLPLAHLLLVH  
HGQRQKRKLLTDMYNAVMLGWARQGAFKELVYVLFMVKDAGLTPDLLSYAAALQCMGRQDQD  
AGTIERCLEQMSQEGLKLQALFTAVLLSEEDRATVLKAVHKVKPTFSLPPQLPPPVNTSKLLRDV  
YAKDGRVSYPKLHLPLKTLQCLFEKQLHMEASRVCVVSVEKPTLPSKEVKHARKTLKTLRDQW  
EKALCRALRETKNRLEREVYEGRFSLYPFLCCLDEREVVRMLLQVLQALPAQGESFTTLARELSA  
RTFSRHVVQRQRVSGQVQALQNHRYKYLCLLASDAEVPEPCLPQYWEALGAPEALREQPWPL  
PVQMELGKLLAEMLVQATQMPCSLDKPHHSSRLVPVLYHVYSFRNVQQIGILKPHPAYVQLLEKA  
AEPTLTFEAVDVPMLCPPLPWTSPHSGAFLLSPTKLMRTVEGATQHQELLETCPTALHGALDAL  
TQLGNCAWRVNGRVLDLVLQLFQAKGCPQLGVPAPPSEAPQPPEAHLPHSAAPARKAELRREL  
AHCQKVAREMHSLRAEALYRLSLAQHLRDRVFWLPHNMDFRGRTYPCPPHFNLGSDVARALL  
EFAQGRPLGPHGLDWLKIHLVNLTLGLKKREPLRKRLAFEEVMDDILDSADQPLTGRKWWMGAE  
EPWQTLACCMEVANAVRASDPAAVSHLPVHQDGSCNGLQHAAALGRDSVGAASVNLEPSDV  
PQDVYSGVAAQVEVFRRQDAQRGMRVAQVLEGFITRKVVKQVTMTVVYGVTRYGGRLQIEKRLR  
ELSDFPQEFVWEASHYLVRQVFKSLQEMFSGTRAQHWLTESARLISHMGSVVEWVTPLGVPVQI  
PYRLDSKVQIGGGIQSITYTHNGDISRKPNTRKQKNGFPNFIHSLDSSHMMMLTALHCYRKGLTFV  
SVHDCYWTHAADVSVMNQVCREQFVRLHSEPILQDLSRFLVKRFCSEPQKILEASQLKETLQAV  
PKPGAFDLEQVKRSTYFFS

**Host** Rabbit

**Reactivity** Human

**Purification** Protein A

**Quality Control Testing** Antibody reactive against mammalian transfected lysate.

**Storage Buffer** In 1x PBS, pH 7.4

## Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — POLRMT

|               |                      |
|---------------|----------------------|
| Entrez GeneID | <a href="#">5442</a> |
|---------------|----------------------|

|                     |                            |
|---------------------|----------------------------|
| GeneBank Accession# | <a href="#">BC098387.1</a> |
|---------------------|----------------------------|

|                    |                            |
|--------------------|----------------------------|
| Protein Accession# | <a href="#">AAH98387.1</a> |
|--------------------|----------------------------|

|           |        |
|-----------|--------|
| Gene Name | POLRMT |
|-----------|--------|

|            |                                  |
|------------|----------------------------------|
| Gene Alias | APOLMT, MTRNAP, MTRPOL, h-mtRPOL |
|------------|----------------------------------|

|                  |                                               |
|------------------|-----------------------------------------------|
| Gene Description | polymerase (RNA) mitochondrial (DNA directed) |
|------------------|-----------------------------------------------|

|         |                        |
|---------|------------------------|
| Omim ID | <a href="#">601778</a> |
|---------|------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

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|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Summary | 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] |
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|--------------------|-------------------------------------------|
| Other Designations | mitochondrial DNA-directed RNA polymerase |
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## Disease

- [Urinary Bladder Neoplasms](#)