

PAPD5 Recombinant antibody

Catalog Number: 83098-2-RR

Basic Information

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| Catalog Number: 83098-2-RR | GenBank Accession Number: NM_001040285 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 µg/ml by Nanodrop; | GeneID (NCBI): 64282 | CloneNo.: 230368B12 |
| Source: Rabbit | UNIPROT ID: Q8NDF8 | |
| Isotype: IgG | Full Name: PAP associated domain containing 5 | |
| | Calculated MW: 64 kDa | |

Applications

Tested Applications:
ELISA

Species Specificity:
Human

Background Information

PAPD5, also named as Non-canonical poly(A) RNA polymerase PAPD5, is a 572 amino acid protein, which contains 1 PAP-associated domain and belongs to the DNA polymerase type-B-like family. PAPD5 is predominantly expressed in the cytoplasm. PAPD5 as catalytic subunit of a TRAMP-like complex that has a poly(A) RNA polymerase activity and is involved in a post-transcriptional quality control mechanism. Polyadenylation with short oligo(A) tails is required for the degradative activity of the exosome on several of its nuclear RNA substrates. PAPD5 plays a role in replication-dependent histone mRNA degradation, probably through terminal uridylation of mature histone mRNAs. PAPD5 also may play a role in sister chromatid cohesion. The calculated molecular weight of PAPD5 is a 63 kDa, but the post-modified protein is about 70-80 kDa. PAPD5 exists some isoform with the molecular weight about 50 kDa and 70-80 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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