

# PAPD5 Recombinant antibody

Catalog Number: 83098-2-RR

## Basic Information

<b>Catalog Number:</b> 83098-2-RR	<b>GenBank Accession Number:</b> NM_001040285	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 64282	<b>CloneNo.:</b> 230368B12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NDF8	
<b>Isotype:</b> IgG	<b>Full Name:</b> PAP associated domain containing 5	
	<b>Calculated MW:</b> 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

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

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