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Datasheet for 100-401-V99

PAPOLA Antibody

Overview

Description:	Anti-PAPOLA (RABBIT) Antibody - 100-401-V99
Item No.:	100-401-V99
Size:	100 µL
Applications:	ELISA, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	PAPOLA is an RNA polymerase that generates the poly(A) tail of RNA's by adding AMP monomers to the 3'-end. PAPOLA may also be required for the endoribonucleolytic cleavage reaction at some polyadenylation sites. Anti-PAPOLA Antibody is ideal for research in Gene Expression, Transcription and Translation.
Synonyms:	Poly(A) polymerase alpha, PAP-alpha, Polynucleotide adenylyltransferase alpha, PAP
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Gene Name:	PAPOLA
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-PAPOLA Antibody was produced in rabbits by repeated immunizations with a synthetic peptide of human PAPOLA containing an amino acid sequence from the C-terminus of the protein.
Purity/Specificity:	Anti-PAPOLA Antibody is monospecific antiserum processed by delipidation and defibrination followed by sterile filtration. Cross reactivity with PAPOLA from other species not tested.
Relevant Links:	• UniProtKB - P51003

- GeneID - 10914
- NCBI - NP_001238935.1

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-PAPOLA Antibody has been tested by ELISA and Western Blots. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 83 kDa in the appropriate cell lysate or extract.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:100 - 1:500
WB:	1:1,000

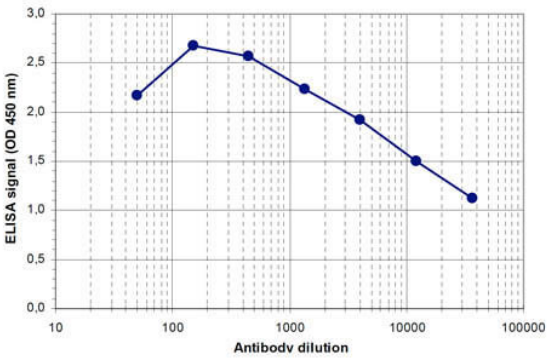
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	neat
Buffer:	None
Preservative:	0.05% (w/v) Sodium Azide
Stabilizer:	None

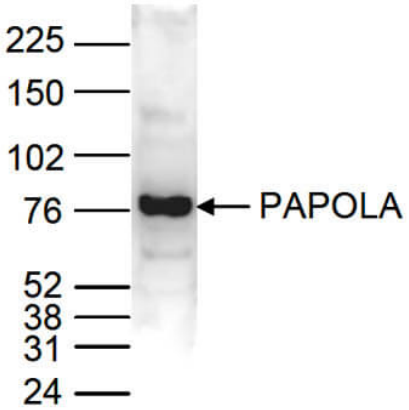
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



ELISA
ELISA results of Rabbit anti-PAPOLA antibody. Antigen: BSA conjugated PAPOLA. Coating amount: 0.1 µg per well. Dilution series: serial dilution. Estimated Antibody Titer to be 1:22,500. Substrate: TMB (p/n TMBE-1000).



Western Blot
Western Blot results of Rabbit anti-PAPOLA antibody. Lane 1: HeLa nuclear extract cells. Load: 40 µg per lane. Primary antibody: PAPOLA antibody at 1:1,000 for overnight at 4°C. Secondary antibody: goat anti-rabbit HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% Blotto/TBS-Tween overnight at 4°C. Predicted: 83kDa.

Disclaimer

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