Product Datasheet

PAPOLG Antibody - BSA Free
NBP1-30060

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 1

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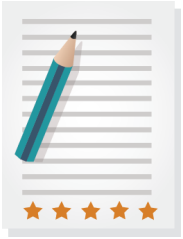
Updated 9/9/2025 v.20.1



NBP1-30060

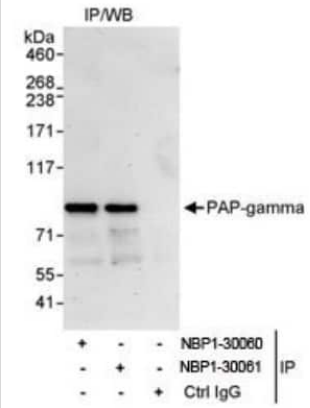
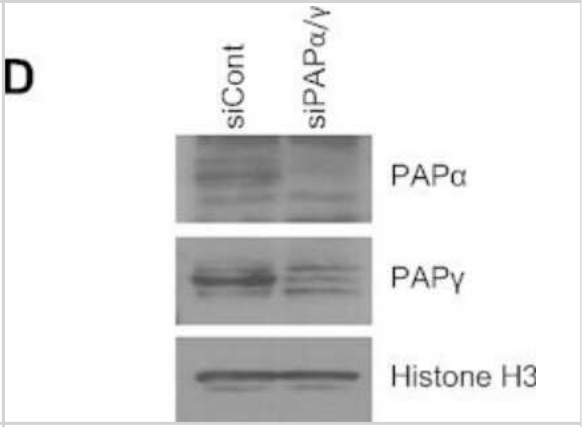
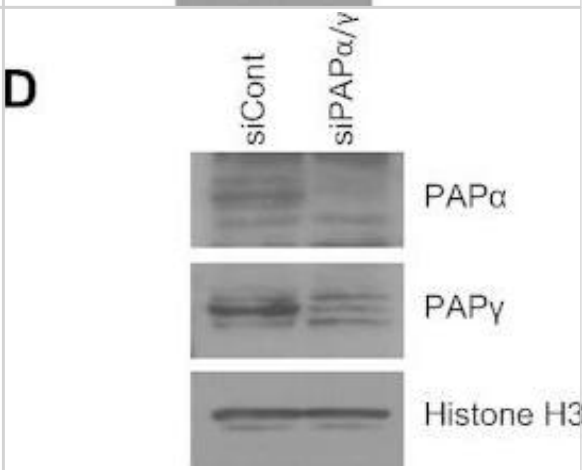
PAPOLG Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Description	Novus Biologicals Rabbit PAPOLG Antibody - BSA Free (NBP1-30060) is a polyclonal antibody validated for use in WB and IP. Anti-PAPOLG Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	64895
Gene Symbol	PAPOLG
Species	Human
Immunogen	maps to a region between residue 625 and 675 of human poly(A) polymerase gamma using the numbering given in entry NP_075045.2

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot Reported in scientific literature (PMID 25896913), Immunoprecipitation 10 ot 15 ug/mg lysate, Knockdown Validated

Images

Immunoprecipitation: PAPOLG Antibody [NBP1-30060] - WCL from HeLa cells. NBP1-30060 used for IP at 10 mcg/mg lysate. PAP-gamma was also IPed by rabbit anti-PAP-gamma antibody NBP1-30061. For blotting IPed PAP-gamma, NBP1-30061 was used at 1 mcg/ml.	
Western Blot: PAPOLG Antibody [NBP1-30060] - An internal A-tract does not promote splicing in the absence of a 3'-terminal poly(A) tail. Western blot analysis of PAPalpha and PAPgamma (PAPOLG) proteins in cells treated with control or PAPalpha- and PAPgamma-specific siRNAs. Histone H3 is shown as a loading control. Image collected and cropped by CiteAb from the following publication (https://mcb.asm.org/content/35/13/2218), licensed under a CC-BY license.	
Western Blot: PAPOLG Antibody [NBP1-30060] - An internal A-tract does not promote splicing in the absence of a 3′-terminal poly(A) tail. (A) Schematics of βWT & βAnMENβδ plasmids, with the positions of the internal A-tracts within exon 3 indicated. Other symbols are the same as in Fig. 1A. (B) RNA immunoprecipitation to assay the level of unspliced β-globin RNAs bound by PABPN1 in HeLa cells transiently transfected with the βWT, βMENβδ, βA20MENβδ, βA40MENβδ, or βA60MENβδ construct. Values are expressed as % input following normalization to PSMB3 pre-mRNA levels. (C) RT-qPCR analysis of β-globin exon 2 & 3 splicing in HeLa cells transiently transfected with the βWT, βMENβδ, βA20MENβδ, βA40MENβδ, or βA60MENβδ construct. The level of each RNA species was quantitated relative to that recovered from cells transfected with the βWT construct, which was given a value of 1. (D) Western blot analysis of PAPα & PAPγ proteins in cells treated with control or PAPα- & PAPγ-specific siRNAs. Histone H3 is shown as a loading control. (E) RT-qPCR analysis of exon 2 & 3 splicing in βWT & βA46δ cells treated with control or PAPα- & PAPγ-specific siRNAs. The level of each RNA species is shown as the fold change compared to the level in control siRNA-treated cells after normalization to GAPDH mRNA. All error bars represent standard deviations for at least three biological replicates. *, P < 0.05; **, P < 0.01. US, unspliced; Spl, spliced. Image collected & cropped by CiteAb from the following publication (https://www.tandfonline.com/doi/full/10.1128/MCB.00123-15), licensed under a CC-BY license. Not internally tested by Novus Biologicals.	

Publications

Muniz L, Davidson L, West S. Poly(A) polymerase and the nuclear poly(A) binding protein, PABPN1, coordinate the splicing and degradation of a subset of human pre-mRNAs Mol. Cell. Biol. 2015-04-20 [PMID: 25896913] (WB, Human)

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Products Related to NBP1-30060

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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