

# Product Datasheet

## PP4/PPP4C Antibody NBP1-51947

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-51947**

PP4/PPP4C Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

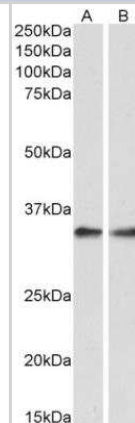
Product Description	
Description	Novus Biologicals Goat PP4/PPP4C Antibody (NBP1-51947) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-PP4/PPP4C Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5531
Gene Symbol	PPP4C
Species	Human, Rat
Immunogen	Peptide with sequence C-PQETRGIPSKKP corresponding to C-Terminus according to NP_002711.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 35 kDa band observed in HEK293, A431 and HeLa lysates and in rat spleen and lung lysates (calculated MW of 35.1 kDa band according to NP_002711.1). IHC-P: Human prostate shows nuclear staining of secretory cells in the gland.

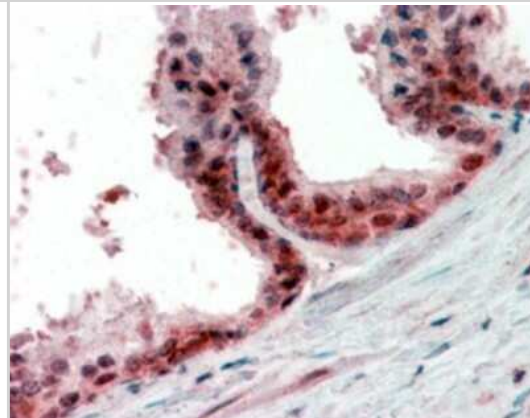


## Images

Western Blot: PPP4C Antibody [NBP1-51947] - Analysis of Rat Spleen (A) and Lung (B) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry-Paraffin: PPP4C Antibody [NBP1-51947] - (2.5ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: PPP4C Antibody [NBP1-51947] - Western blot analysis of PPP4C in HEK293 lysate (35ug protein in RIPA buffer) using NBP1-51947 at 0.3ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Mourtada-Maarabouni M, Williams GT. Protein phosphatase 4 regulates apoptosis, proliferation and mutation rate of human cells. *Biochim Biophys Acta* 2008-08-01 [PMID: 18424272]



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### **Products Related to NBP1-51947**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **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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