

# Product Datasheet

## PPP2R3A Antibody - BSA Free NBP1-87233

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 5

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**NBP1-87233**

PPP2R3A Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

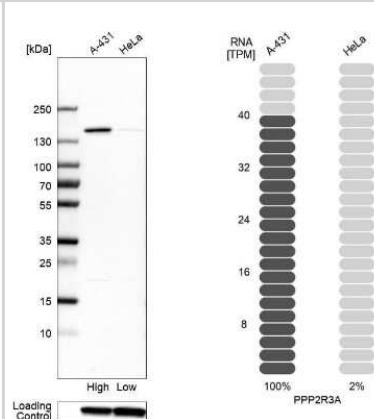
Product Description	
Description	Novus Biologicals Rabbit PPP2R3A Antibody - BSA Free (NBP1-87233) is a polyclonal antibody validated for use in IHC and WB. Anti-PPP2R3A Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5523
Gene Symbol	PPP2R3A
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EQRDPFAVQKDVENDGPEPSDWD RFAAEEYETLVAAEESAQAQFQEGFEDYET DEPASPSEFGNKSNIKLSASLPEKCGKLSVDEE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

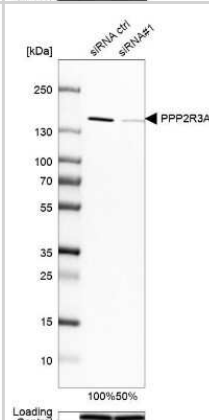


## Images

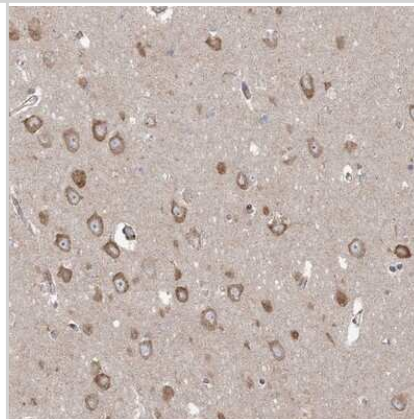
Western Blot: PPP2R3A Antibody [NBP1-87233] - Analysis in human cell lines A-431 and HeLa using Anti-PPP2R3A antibody. Corresponding PPP2R3A RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



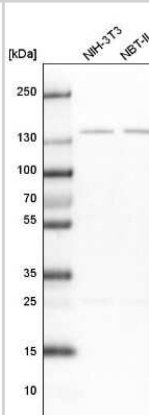
Western Blot: PPP2R3A Antibody [NBP1-87233] - Analysis in A-431 cells transfected with control siRNA, target specific siRNA probe #1, using Anti-PPP2R3A antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Immunohistochemistry-Paraffin: PPP2R3A Antibody [NBP1-87233] - Staining of human hippocampus shows moderate cytoplasmic positivity in neuronal cells.



Western Blot: PPP2R3A Antibody [NBP1-87233] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



## Publications

Goder A, Emmerich C, Nikolova T, Kiweler N. HDAC1 and HDAC2 integrate checkpoint kinase phosphorylation and cell fate through the phosphatase-2A subunit PR130. Nat Commun. 2018-02-22 [PMID: 29472538]

Nguyen A, Dzulko M, Murr J et al. Class 1 Histone Deacetylases and Ataxia-Telangiectasia Mutated Kinase Control the Survival of Murine Pancreatic Cancer Cells upon dNTP Depletion Cells 2021-09-23 [PMID: 34685500]

Nguyen A, Leydecker A, Mustafa A et al. The protein phosphatase-2A subunit PR130 is involved in the formation of cytotoxic protein aggregates in pancreatic ductal adenocarcinoma cells Research Square 2023-11-15

Nguyen A, Leydecker A, Mustafa A et al. The protein phosphatase-2A subunit PR130 is linked to cytotoxic protein aggregate formation in mesenchymal pancreatic ductal adenocarcinoma cells bioRxiv 2023-09-05 (WB, Human)

DeGrande ST, Little SC, Nixon DJ et al. Molecular Mechanisms Underlying Cardiac Protein Phosphatase 2A Regulation in Heart. J Biol Chem 2013-01-11 [PMID: 23204520]





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### **Products Related to NBP1-87233**

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NBP1-87233PEP	PPP2R3A Recombinant Protein Antigen
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

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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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