

Product Datasheet

PPP4R1 Antibody - BSA Free NBP1-87241

Unit Size: 0.1 ml

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

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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP1-87241

PPP4R1 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

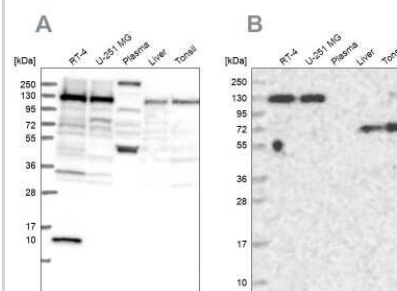
Product Description	
Description	Novus Biologicals Rabbit PPP4R1 Antibody - BSA Free (NBP1-87241) is a polyclonal antibody validated for use in IHC and WB. Anti-PPP4R1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9989
Gene Symbol	PPP4R1
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 26300649).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LDAHEETISIEKRSDLQDELDINELPNCKINQEDSVPLISDAVENMDSTLHYIHSD SDLSNNSFSFSPDEERTKVQ

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	WB reported in scientific literature (PMID: 26472971). For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

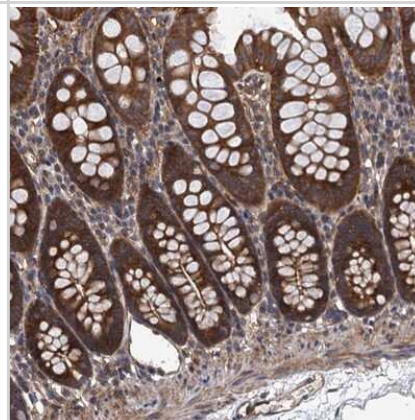


Images

Western Blot: PPP4R1 Antibody [NBP1-87241] - Analysis using Anti-PPP4R1 antibody NBP1-87241 (A) shows similar pattern to independent antibody NBP1-87242 (B).



Immunohistochemistry-Paraffin: PPP4R1 Antibody [NBP1-87241] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Publications

Qi Y, Hu T, Li K et al. Lentivirus-Mediated Short-Hairpin RNA Targeting Protein Phosphatase 4 Regulatory Subunit 1 Inhibits Growth in Breast Cancer. *J Breast Cancer* 2015-09-01 [PMID: 26472971] (WB, Human)

Wu G, Ma Z, Qian J, Liu B. PP4R1 accelerates cell growth and proliferation in HepG2 hepatocellular carcinoma. *Onco Targets Ther* 2015-01-01 [PMID: 26300649] (WB, Human)



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Products Related to NBP1-87241

NBP1-87241PEP	PPP4R1 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

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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