

Product Datasheet

PNUTS/PPP1R10 Antibody - BSA Free NB100-605

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 6

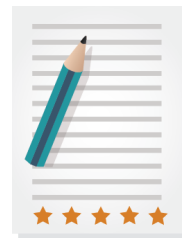
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NB100-605

PNUTS/PPP1R10 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

Host	Rabbit
Gene ID	5514
Gene Symbol	PPP1R10
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:31877321).
Immunogen	A synthetic peptide, mapping to a region region between residue 900 and the C-terminus (residue 940) of human Phosphatase Nuclear Targeting Subunit (a.k.a. Protein Phosphatase 1, regulatory subunit 10) using the numbering given in TrEMBL entry Q96QC0 (GeneID 5514).

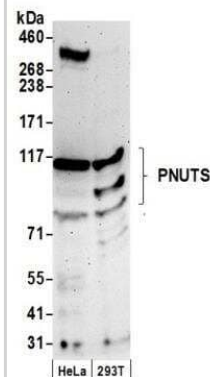
Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunoprecipitation 1-10 ug/mg lysate
Application Notes	NB 100-605 may be used for Western blot. Suggested working dilutions: * Western Blot: 1:1,000 - 1:5,000 Immunoprecipitation: 1 to 10 ug/mg lysate Histo/Cytochemistry: not tested. *The investigator should determine the optimal working dilution for a specific application.

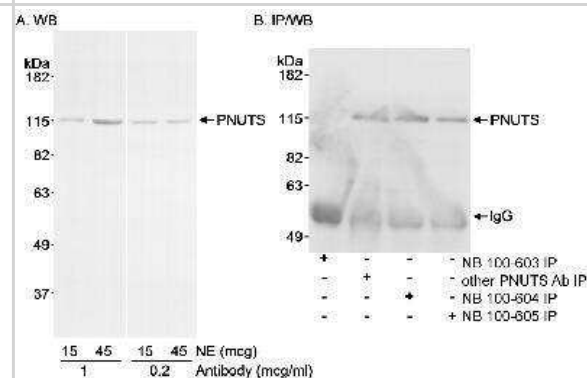


Images

Western Blot: PNUTS/PPP1R10 Antibody [NB100-605] - Detection of Human PNUTS by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PNUTS antibody NB100-605 used for WB at 0.2 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Western Blot: PNUTS/PPP1R10 Antibody [NB100-605] - Detection of Human PNUTS on HeLa whole cell lysates using NB100-605. IP of PNUTS was successfully performed with NB100-603, NB100-604, and another PNUTS polyclonal. IPed PNUTS was blotted using NB100-605



Publications

Travis B McMurphy Hepatic Expression of Adenovirus 36 E4ORF1 Improves Glycemic Control and Promotes Glucose Metabolism via AKT Activation Diabetes, 2016-11-30;0(0):. 2016-11-30 [PMID: 27903748]

F Nakazeki, M Nishiga, T Horie, H Nishi, Y Nakashima, O Baba, Y Kuwabara, T Nishino, T Nakao, Y Ide, S Koyama, M Kimura, S Tsuji, N Sowa, S Yoshida, SJ Conway, M Yanagita, T Kimura, K Ono Loss of periostin ameliorates adipose tissue inflammation and fibrosis in vivo Sci Rep, 2018-06-04;8(1):8553. 2018-06-04 [PMID: 29867212]

Kwon J, Yeh Y, Kawarasaki S et al. Mevalonate biosynthesis pathway regulates the development and survival of brown adipocytes iScience 2023-03-01 [PMID: 36895651]

Pathak, P;Chiang, JYL; Sterol 12 alpha-hydroxylase Aggravates Dyslipidemia by Activating the Ceramide/mTORC1/SREBP1C Pathway via FGF21 and FGF15 Gene Expr. 2019-03-19 [PMID: 30890204]

Jing X, Wu J, Dong C et al. COVID-19 instigates adipose browning and atrophy through VEGF in small mammals Nature metabolism 2022-12-01 [PMID: 36482111]

Panagiotakopoulou V, Botsakis K, Delis F et al. Anti-neuroinflammatory, protective effects of the synthetic microneurotrophin BNN-20 in the advanced dopaminergic neurodegeneration of "weaver" mice Neuropharmacology 2020-03-15 [PMID: 31877321] (WB, Mouse)



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Products Related to NB100-605

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38801PEP	PNUTS/PPP1R10 Recombinant Protein Antigen

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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