

Product Datasheet

PPP2R5E Antibody NB100-845

Unit Size: 0.1 mg

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

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NB100-845

PPP2R5E 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

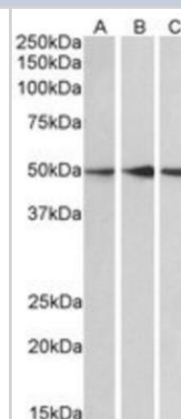
Host	Goat
Gene ID	5529
Gene Symbol	PPP2R5E
Species	Human, Mouse, Rat
Immunogen	Peptide with sequence C-LKRGLRRDGIPT corresponding to C-Terminus according to NP_006237.1.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1-0.3 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 55 kDa band and 40 kDa band bands observed in mouse brain extracts. Please note that the two bands may correspond to two different isoforms. Two isoforms of the epsilon mRNA have been detected in Northern blots (J Biol Chem 1996 Sep 6;271(36): 22081-9). An anonymous customer has reported usage in human.

Images

Western Blot: PPP2R5E Antibody [NB100-845] - Staining (0.1ug/ml) of Human Cerebellum (A), Mouse (B) and Rat (C) Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

McCright B, Virshup DM. Identification of a new family of protein phosphatase 2A regulatory subunits. J Biol Chem 1995 Nov 3 [PMID: 7592815]

Gao Q, Courtheoux T, Gachet Y et al. A non-ring-like form of the Dam1 complex modulates microtubule dynamics in fission yeast. Proc Natl Acad Sci U S A 2010 Jul 27 [PMID: 20624975]

Cristobal I, Manso R, Rincon R et al. PP2A inhibition is a common event in colorectal cancer and its restoration using FTY720 shows promising therapeutic potential. Mol. Cancer Ther. 2014 Jan 22 [PMID: 24448818] (WB, Human)

Mavrakis KJ, Wolfe AL, Oricchio E et al. Genome-wide RNA-mediated interference screen identifies miR-19 targets in Notch-induced T-cell acute lymphoblastic leukaemia. Nat Cell Biol. 2010 Apr [PMID: 20190740] (WB, Mouse)

Cristobal I, Cirauqui C, Castello-Cros R et al. Downregulation of PPP2R5E is a common event in acute myeloid leukemia that affects the oncogenic potential of leukemic cells. Haematologica 2013 Jun 28 [PMID: 23812941] (WB, Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Products Related to NB100-845

HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00005529-Q01-10ug	Recombinant Human PPP2R5E GST (N-Term) Protein

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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