

Product Datasheet

DARPP-32 Antibody - Azide Free NB300-304

Unit Size: 0.1 ml

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

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technical@novusbio.com

Publications: 2

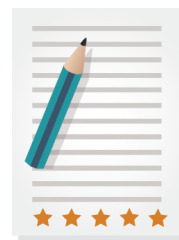
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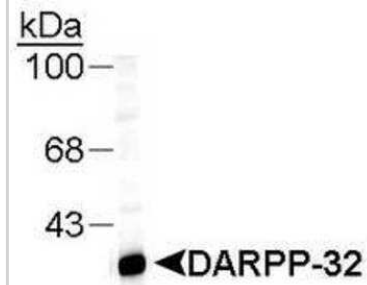


NB300-304**DARPP-32 Antibody - Azide Free**

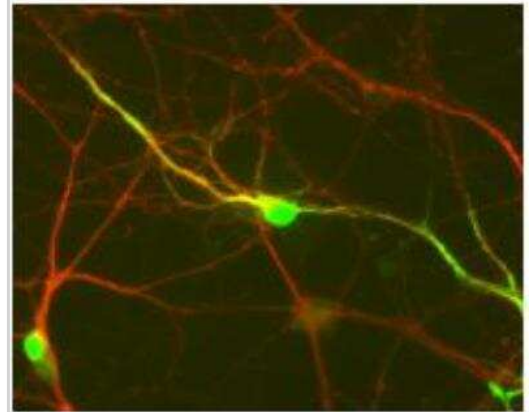
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	32 kDa
Product Description	
Host	Rabbit
Gene ID	84152
Gene Symbol	PPP1R1B
Species	Mouse, Rat
Reactivity Notes	It is anticipated that the antibody will also react with bovine, canine, chicken, mouse, non-human primate and Xenopus based on the fact that these species have 100% homology with the amino acid sequence used as antigen.
Marker	Neuronal Marker
Specificity/Sensitivity	Specific for endogenous levels of the ~32 kDa DARPP-32 protein.
Immunogen	Synthetic peptide corresponding to amino acid residues from the N-terminal region conjugated to KLH. Accession # Q6J4I0
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:250

Images

Western Blot: DARPP32 Antibody [NB300-304] - Detection of DARPP protein in rat hippocampal lysate using NB 300-304.



Immunocytochemistry/Immunofluorescence: DARPP-32 Antibody [NB300-304] - Staining of cultured CD1 mouse striatal cells showing specific labeling of DARPP-32 in green and Tuj1 in red. Cells and photo courtesy of QBMCellScience.



Publications

Shioda N, Han F, Moriguchi S et al. Constitutively active calcineurin mediates delayed neuronal death through Fas-ligand expression via activation of NFAT and FKHR transcriptional activities in mouse brain ischemia. J Neurochem. 2007-09-01 [PMID: 17662023] (WB, Mouse)

Details:

DARPP-32 (IMG-5373): WB (mouse brain tissue), Fig 2B.

Hamel S, Bouchard A, Ferrario C et al. Both t-Darpp and DARPP-32 can cause resistance to trastuzumab in breast cancer cells and are frequently expressed in primary breast cancers Breast Cancer Res Treat 2010-02-01 [PMID: 19301121] (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
nb-customerservice@bio-techne.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: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB300-304

NBL1-14679	DARPP-32 Overexpression Lysate
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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