

Product Datasheet

PDGFR alpha [p Tyr742] Antibody NSB1006

Unit Size: 0.1 ml

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

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NSB1006

PDGFR alpha [p Tyr742] Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Dulbecco's PBS (pH 7.3) and 1.0 mg/ml

Product Description	
Host	Rabbit
Gene ID	5156
Gene Symbol	PDGFRA
Species	Human, Mouse
Reactivity Notes	Cross-reacts with Human and Mouse. Expected to cross-react with Rat (100% identity with immunogen), <i>Xenopus laevis</i> (Frog) (83% identity with immunogen) due to sequence identity, and PDGFRB is expected to react due to 50% sequence homology. Not yet tested in other species.
Specificity/Sensitivity	PDGFR beta (50% identity) has not been tested, but is not expected to react.
Immunogen	Synthetic phospho peptide that contains Tyrosine 742 (Human).

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 0.35-1 ug/ml
Application Notes	WB: Detects a band of approximately 170-185 kDa.

Publications

Janssen ME, Liu H, Volkmann N, Hanein D. The C-terminal tail domain of metavinculin, vinculin's splice variant, severs actin filaments. *J Cell Biol* 2012-05-28 [PMID: 22613835] (Human)

Zheng L, Ishii Y, Tokunaga A et al. Neuroprotective effects of PDGF against oxidative stress and the signaling pathway involved. *J Neurosci Res* 2010-05-01 [PMID: 19998489] (WB, Mouse)

Hsieh CH, Chang HT, Shen WC, Shyu WC, Liu RS. Imaging the Impact of Nox4 in Cycling Hypoxia-mediated U87 Glioblastoma Invasion and Infiltration. *Mol Imaging Biol.* 2011-08-26 [PMID: 21870211] (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

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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