

Product Datasheet

NPY5R Antibody NB100-1538

Unit Size: 0.1 mg

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

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NB100-1538**NPY5R 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
Target Molecular Weight	51 kDa

Product Description	
Host	Goat
Gene ID	4889
Gene Symbol	NPY5R
Species	Human, Rat, Hamster
Reactivity Notes	Rat reactivity reported in (PMID: 23179670).
Immunogen	Peptide with sequence C-GLSNKENRLEEN corresponding to internal region according to NP_006165.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Immunohistochemistry 4 - 6 ug/mL, Immunoprecipitation, Immunohistochemistry-Paraffin 4 - 6 ug/mL, Peptide ELISA Detection limit 1:32000
Application Notes	This NPY5R Antibody is validated for IP from a verified customer review. WB: Approx. 50 kDa band observed in human brain, breast and duodenum lysates (calculated MW of 50.7 kDa band according to NP_006165.1). IHC-P: Human intestine shows staining of ganglion cells.

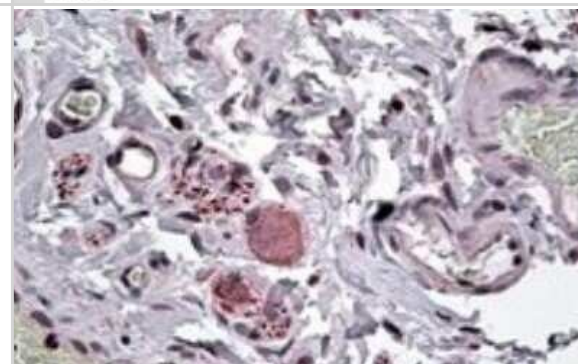


Images

Western Blot: NPY5R Antibody [NB100-1538] - Staining of Human Brain lysate (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: NPY5R Antibody [NB100-1538] - Staining of Human Intestine. Antibody at 3.8 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Gheller BJ, Blum JE, Merritt EK et al. Peptide YY (PYY) Is Expressed in Human Skeletal Muscle Tissue and Expanding Human Muscle Progenitor Cells Front Physiol 2019-03-05 [PMID: 30890955] (WB, Human)

Igura K, Haider HK, Ahmed RP et al. Neuropeptide Y and Neuropeptide Y Y5 Receptor Interaction Restores Impaired Growth Potential of Aging Bone Marrow Stromal Cells. Rejuvenation Res. 2011-05-19 [PMID: 21595512]

Hsieh YS, Kuo MH, Chen PN, Kuo DY. The Identification of Neuropeptide Y Receptor Subtype Involved in Phenylpropanolamine-induced Increase in Oxidative Stress and Appetite Suppression Neuromolecular Med 2012-11-20 [PMID: 23179670] (WB, Rat)

Kuo DY, Chen PN, Yu CH et al. Involvement of neuropeptide Y Y1 receptor in the regulation of amphetamine-mediated appetite suppression Neuropharmacology 2012-06-22 [PMID: 22732442] (WB, Rat)

Badman MK, Flier JS. The gut and energy balance: visceral allies in the obesity wars. Science 2005-03-25 [PMID: 15790843]



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 NB100-1538

NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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