

Product Datasheet

Neuropeptide Y Antibody

NBP1-78352

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-78352

Updated 5/15/2020 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-78352



NBP1-78352

Neuropeptide Y Antibody

Product Information	
Unit Size	0.1 ml
Concentration	LYOPH mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with 0.1 ml distilled or deionized water. After reconstitution, use immediately or store at 2-8C up to 2 days. If desired, dilute with PBS or Tris buffer at a dilution no higher than 1/10 and aliquot at -15C or below.
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	4852
Gene Symbol	NPY
Species	Human, Mouse, Rat, Amphibian, Avian, Feline, Fish, Guinea Pig, Zebrafish
Reactivity Notes	Reacts with Newt, Bird, Rat, Mouse, Human, Cat, Guinea Pig, Zebra Fish, Squirrels, Frog
Immunogen	Neuropeptide Y; coupled to bovine thyroglobulin (BTg) with glutaraldehyde
Notes	Fixative: 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4; 500 mL over ~20-30 min. Post Fixation: 1.5 hr. at 4C in 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4.
Product Application Details	
Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	In rat central nervous system, the antiserum has significant staining with a very low background at a 1/5,000 - 1/10,000 dilution using the Biotin-Streptavidin/HRP detection method. All staining is blocked by pre-absorption of the diluted antiserum with excess NPY. Cross reactivity experiments in which diluted NPY antiserum was absorbed with excess peptide YY, avian pancreatic polypeptide, B-endorphin, vasoactive intestinal peptide, cholecystokinin or somatostatin showed no affect in blocking the intensity of staining. ICC use reported in literature (Stoyanova II, et al; 2000)



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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-78352

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

