

# Product Datasheet

## NPY2R Antibody NB100-57847

Unit Size: 0.1 mg

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

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### Publications: 2

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**NB100-57847**

## NPY2R 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	
Description	Novus Biologicals Goat NPY2R Antibody (NB100-57847) is a polyclonal antibody validated for use in WB, ELISA and IP. Anti-NPY2R Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	4887
Gene Symbol	NPY2R
Species	Rat
Specificity/Sensitivity	Please note this antibody was designed using the Mouse sequence NP_032757.1, which differs by 1 amino acid from the Human sequence NP_000901.1.
Immunogen	Peptide with sequence C-KAKKNLEVKKNN corresponding to internal region according to NP_032757.1.

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Immunoprecipitation 1:50, Peptide ELISA Detection limit 1:32000
Application Notes	A customer has reported successful usage for IP of human Y2R, but the Human Y2R could not be detected in WB by this antibody. WB: Approx. 40-45 kDa band observed in rat brain lysates (calculated MW of 42.6 kDa band according to NP_032757.1).

**Images**

Western Blot: NPY2R Antibody [NB100-57847] - Staining of Rat Brain lysate (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Primary incubation was 1 hour. Detected by chemiluminescence.

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

## Publications

Korner M, Waser B, Reubi JC. High expression of neuropeptide y receptors in tumors of the human adrenal gland and extra-adrenal paraganglia. Clin Cancer Res 2004-12-15 [PMID: 15623622]

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]





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### Products Related to NB100-57847

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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### 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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