

# Product Datasheet

## Neuropeptide Y Antibody (8) - BSA Free NBP1-05166

Unit Size: 0.1 mg

Store at 4C in the dark.

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### Publications: 1

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**NBP1-05166**

Neuropeptide Y Antibody (8) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	8
Preservative	0.9% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl

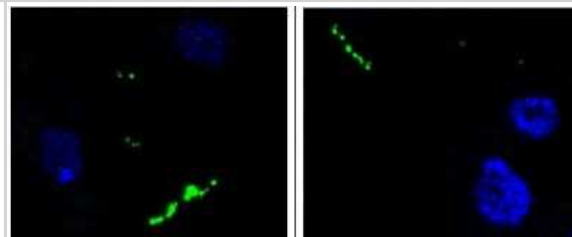
Product Description	
Host	Mouse
Gene ID	4852
Gene Symbol	NPY
Species	Human, Mouse, Rat
Specificity/Sensitivity	Binds full length human/rat NPY. Cross-reactivity with NPY (1-24), NPY (18-36), PYY or PP was <0.2%.
Immunogen	Synthetic human/rat neuropeptide Y

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA 1:16000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	ELISA: NBP1-05166 binds free NPY in solution and NBP1-05166 reacts in ELISA directly with NPY coated directly onto the microtiter well.

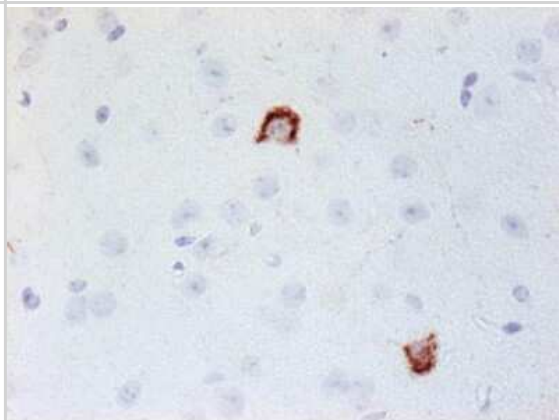


## Images

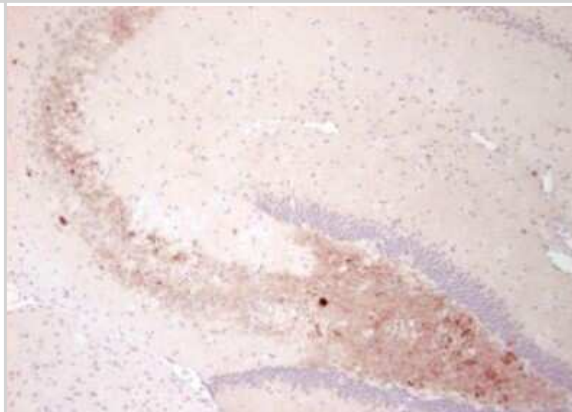
Immunocytochemistry/Immunofluorescence: Neuropeptide Y Antibody (8) - BSA Free [NBP1-05166] - Testing of tissue from human cerebral cortex, applying ultra thin sections using a technique called array tomography (antibody: green, DAPI-stained nuclei: blue). Image shows labeling of NPY-positive processes in the neutrophil. Image courtesy of Dr. Nancy O'Rourke, Stanford University.



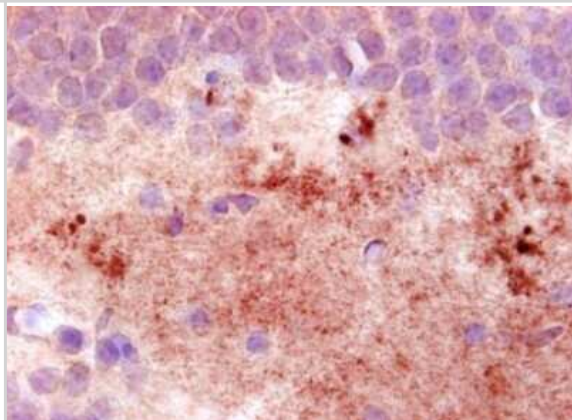
Immunohistochemistry-Paraffin: Neuropeptide Y Antibody (8) - BSA Free [NBP1-05166] - Paraffin embedded mouse brain tissue (interneurons in the cortex) diluted 1/1000



Immunohistochemistry-Paraffin: Neuropeptide Y Antibody (8) - BSA Free [NBP1-05166] - Paraffin embedded mouse brain tissue (fibres in the hilus of the hippocampus) diluted 1/1000



Immunohistochemistry-Paraffin: Neuropeptide Y Antibody (8) - BSA Free [NBP1-05166] - Enlarged section of a paraffin embedded mouse brain tissue (fibres in the hilus of the hippocampus) diluted 1/1000



## Publications

Abdallah MG, Buchanan-Vega JA, Lee KJ, et al. Quantification of Neuropeptide Y with Picomolar Sensitivity Enabled by Guided-Mode Resonance Biosensors Sensors (Basel). [PMID: 31878178] (Func)



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### **Products Related to NBP1-05166**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004852-P02-10ug	Recombinant Human Neuropeptide Y GST (N-Term) Protein

### **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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