

# NPY Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Non-human primate, Pig, Rat
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 1 to the C-terminus of Pig Neuropeptide Y.
Form	Liquid
Concentration	0.9 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 1% BSA
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10987237

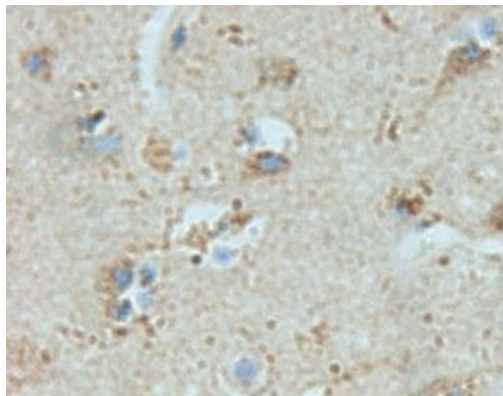
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:1,000-1:2,000	-
Immunohistochemistry (Frozen) (IHC (F))	1:3000	-

## Product Specific Information

Heat mediated antigen retrieval recommended prior to tissue staining.

This antibody is predicted to react with sheep, rabbit, chicken, guinea pig, cow, pigeon, pig, zebrafish and rhesus monkey based on sequence homology.

## Product Images For NPY Polyclonal Antibody



### NPY Antibody (PA5-19568) in IHC

Immunohistochemical (formalin-fixed, paraffin-embedded) staining of Human cerebral cortex tissue using Product # PA5-19568, anti-Neuropeptide Y antibody. Primary antibody was used at a concentration of 1 µg/mL and exposed for 8 mins at room temp. The sample was pretreated using heat mediated antigen retrieval with Sodium Citrate Buffer (pH6/20mins). The detection method was a HRP conjugated polymer, DAB chromogen and the sample was counterstained with haematoxylin and mounted with DPX.

## 1 Reference

### Immunohistochemistry (1)

#### Genes & nutrition

#### ***SerpinA3N* is a novel hypothalamic gene upregulated by a high-fat diet and leptin in mice.**

"PA5-19568 was used in Immunohistochemistry to demonstrate that serpinA3 expression is implicated in nutritionally mediated hypothalamic inflammation."

Authors: Sergi D,Campbell FM,Grant C,Morris AC,Bachmair EM,Koch C,McLean FH,Muller A,Hoggard N,de Roos B,Porteiro B,Boekschoten MV,McGillicuddy FC,Kahn D,Nicol P,Benzler J,Mayer CD,Drew JE,Roche HM,Muller M,Nogueiras R,Dieguez C,Tups A,Williams LM

**Species**  
Mouse

**Dilution**  
1:300

**Year**  
2022

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