

Product datasheet for **BP162**

Neuropeptide Y (NPY) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	Immunofluorescence: 1/10-1/40. Immunohistochemistry on Frozen Sections: 1/25-1/100. <i>Recommended Positive Control:</i> Stefanini fixed frozen sections of Rat small intestine. Preincubation of the antibody with the immunogen abolishes staining.
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to the C-flanking peptide (amino acids 68-97) of Neuropeptide Y.
Specificity:	The antibody is specific for Human and Rat Neuropeptide Y C-flanking peptide. It does not cross react with pancreatic polypeptide (PP) and peptide YY (PYY).
Formulation:	PBS, pH 7.2 State: Serum State: Liquid Serum Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	neuropeptide Y
Database Link:	Entrez Gene 24604 Rat Entrez Gene 4852 Human P01303



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Background:	Neuropeptide Y (NPY) is the most abundant neuropeptide in the brain and is known to function as a potent stimulator of feeding behavior. It is a member of a family of proteins that include pancreatic polypeptide, seminal plasmin and peptide YY. In addition to its function in the control of energy balance, several other physiological roles have been attributed to NPY, including involvement in circadian rhythms, sexual function, anxiety responses and vascular resistance.
Synonyms:	OTTHUMP00000201946; OTTHUMP00000201947; PYY4
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Adipocytokine signaling pathway