

AP23327PU-N**Polyclonal Antibody to NPY receptor 1 / NPY1R (C-term) - Aff - Purified**

Alternate names:	NPYR, NPYY1, Neuropeptide Y receptor 1
Quantity:	0.1 mg
Background:	Neuropeptide Y Receptor Y1 (NPY1R) is one of the most abundant neuropeptides in the mammalian nervous system and exhibits a diverse range of important physiological activities, including effects on psychomotor activity, food intake, regulation of central endocrine secretion, and potent vasoactive effects on the cardiovascular system.. Two major subtypes of NPY receptor (Y1 and Y2) have been defined by pharmacological criteria. NPY1R and NPY2R encoding mouse type 1 and type 2 neuropeptide Y receptors, have been mapped by interspecific backcross analysis. NPY1R is required for central physiological and pharmacological NPY-induced analgesia and that its activation is both sufficient and required for the release of substance P and initiation of neurogenic inflammation.
Uniprot ID:	P25929
NCBI:	NP_000900
GeneID:	4886
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide mapping at the C-terminal of human NPY1R Remarks: Sequence is identical to the related rat and mouse sequence.
Format:	State: Lyophilized Ig fraction Purification: Immunogen affinity purified Buffer System: 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ Reconstitution: 0.2ml of distilled water will yield a concentration of 500µg/ml.
Applications:	Western blot: At 1µg/ml with the appropriate system to detect NPY1R in cells and tissues. Immunohistochemistry on paraffin sections: At 1-2µg/ml to detect NPY1R in formalin fixed and paraffin embedded tissues. Boiling the sections is required. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Neuropeptide Y receptor 1 (C-term).
Species Reactivity:	Tested: Human, mouse, rat
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

NPY1R Polyclonal Antibody

