

Product datasheet

anti-Neuropeptide Y 1-20 rabbit polyclonal, serum

Short overview

Cat. No.	16056
Quantity	50 µl (lyoph.)

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	Synthetic cys(21)-NPY 1-21, conjugated to BSA
Formulation	Lyophilized; reconstitute in 100 µl dist. water
UniprotID	P25929 (Human), Q61041 (Mouse), Q63447 (Rat)
Synonym	Neuropeptide Y receptor type 1, NPY1-R, NPY1R, NPYR, NPY1
Conjugate	Unconjugated
Purification	Undiluted antiserum
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Hamster, Human, Mouse, Rat

Applications

Immunohistochemistry (IHC) - frozen	1:200-1:400
--	-------------

Background

Neuropeptide Y is a peptide belonging to the PP-family and occurs in neurons and adrenal medullary cells. The brain contains large quantities of NPY and it is also found in the peripheral nervous system, where it coexists with noradrenaline in sympathetic fibers. NPY inhibits gut motility and causes vasoconstriction. Pheochromocytomas contain NPY.

Absorption with 10-100 µg NPY 1-20 per ml diluted antiserum abolishes the staining, while PYY and PP do not.

Positive control: Stefanini-fixed sections of rat small intestine.

Product images



anti-Neuropeptide Y 1-20 rabbit polyclonal, serum

References

Publication	Species	Application
Myrsen, U. & Sundler, F. Neuropeptide Y is expressed in islet somatostatin cells of the hamster pancreas: a combined immunocytochemical and in situ hybridization study. Regul. Pept. 57, 65-76 (1995).	hamster	IHC (frozen)
Myrsen, U., Ahren, B. & Sundler, F. Neuropeptide Y is expressed in subpopulations of insulin- and non-insulin-producing islet cells in the rat after dexamethasone treatment: a combined immunocytochemical and in situ hybridisation study. Regul. Pept. 60,	rat	IHC (frozen)