

Neuropeptide Y Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250240

Unit: 0.1 mg

Description:

Neuropeptide Y (NPY) is a 36-amino-acid residue peptide with sequence and 3-D structural homology with PYY and pancreatic polypeptide (PP). NPY serves as a neurotransmitter and is exclusively localized in neurons in the central and peripheral nervous system. NPY is associated with the regulation of heart rate and food intake in several mammalian species. This antibody binds to an epitope in the midregion (18-24) of full length human, mouse and rat NPY. Cross-reactivity with NPY (1-24), NPY (18-36), PYY or PP was almost inexistant (

Isotype: Mouse IgG1/k

Applications: E, IHC

Species Reactivity: H, R, M

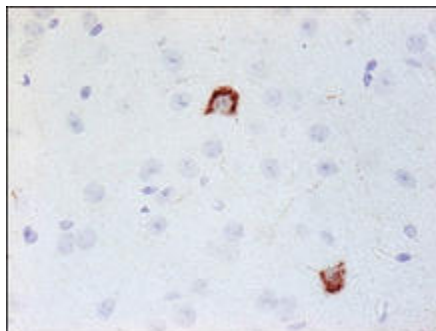
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Neuropeptide Y; npy

Accession No.: P33689

Antigen: Synthetic human/rat NPY adsorbed onto aluminum hydroxide gel

Application Notes: Product Cat. No. 250240 binds free NPY in solution. Product Cat. No. 250240 reacts in ELISA with NPY coated directly onto the microtiter well. The antibody is used in IHC with paraffin-embedded tissues. E: 1:16,000; IHC: 1:1,000



Paraffin-embedded mouse brain (interneurons in cortex) is stained with Neuropeptide Y Antibody (Cat. No. 250240) used at 1:1000 dilution.

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.