

Peptide YY antibody [04]

Cat. No. GTX60990

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ELISA
Reactivity	Human

Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

Calculated MW 11 kDa. ([Note](#))**Product Note**

Peptide tyrosine-tyrosine amide (3-36), or PYY(3-36), is a major metabolite of the gut hormone PYY and is produced by the action of dipeptidyl peptidase IV on PYY in the intestinal brush border and in the circulation. PYY(3-36) is a potent inhibitor of food intake in rats and humans, acting selectively on the Y2 receptor to inhibit orexigenic NPY neurons in the arcuate nucleus, thus disinhibiting anorexigenic POMC neurons. The anorexigenic effect of PYY(3-36) is additive to that of the co-secreted gut hormone GLP-1.

Properties

Form	Liquid
Buffer	10mM Phosphate, 500mM NaCl
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic N-terminal fragment of human PYY(3-36) coupled to carrier
Purification	Protein-A purified
Conjugation	Unconjugated



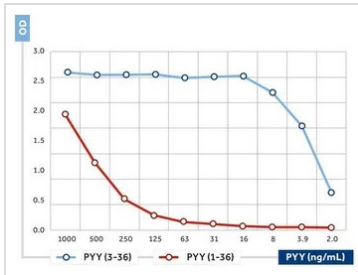
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX60990 ELISA Image

The calibration curve of a sandwich assay for PYY using GTX60990 as the capture antibody and GTX60975 - 02 as the biotinylated detection antibody.



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