

## Product datasheet for **TA363925**

### Neuropeptide Y (NPY) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Neuropeptide Y. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Tyr-Pro-Ser-Lys-Pro-Asp-Asn-Pro-Gly-Glu-Asp-Ala- Pro-Ala-Glu-Asp-Met-Ala-Arg-Tyr-Tyr-Ser-Ala-Leu-Arg-His-Tyr-Ile-Asn- Leu-Ile-Thr-Arg-Gln-Arg-Tyr-NH <sub>2</sub> coupled to carrier protein.
Formulation:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	neuropeptide Y
Database Link:	<a href="#">Entrez Gene 4852 Human P01303</a>
Background:	Neuropeptide Y (NPY) is a 36-amino acid neuropeptide known to be involved in several physiological and homeostatic processes in the both central and peripheral nervous system. It is the most abundant peptide present in the mammalian central nervous system and it is synthesized in GABAergic neurons, acting as neurotransmitter during cellular communication. This antibody was generated by immunization of rabbits with Neuropeptide Y coupled to a carrier protein.
Synonyms:	OTTHUMP00000201946; OTTHUMP00000201947; PYY4



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