

Neuropeptide Y / NPY Antibody (clone 2C10)
Mouse Monoclonal Antibody
Catalog # ALS14517

Specification

Neuropeptide Y / NPY Antibody (clone 2C10) - Product Information

Application	WB
Primary Accession	P01303
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	11kDa KDa

Neuropeptide Y / NPY Antibody (clone 2C10) - Additional Information

Gene ID 4852

Other Names

Pro-neuropeptide Y, Neuropeptide Y, Neuropeptide tyrosine, NPY, C-flanking peptide of NPY, CPON, NPY

Target/Specificity

Human NPY / Neuropeptide Y

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

Neuropeptide Y / NPY Antibody (clone 2C10) is for research use only and not for use in diagnostic or therapeutic procedures.

Neuropeptide Y / NPY Antibody (clone 2C10) - Protein Information

Name NPY

Function

NPY is implicated in the control of feeding and in secretion of gonadotrophin-release hormone.

Cellular Location

Secreted. Cytoplasmic vesicle, secretory vesicle, neuronal dense core vesicle
{ECO:0000250|UniProtKB:P07808}

Tissue Location

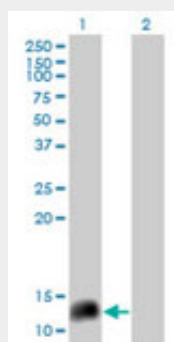
One of the most abundant peptides in the nervous system. Also found in some chromaffin cells of the adrenal medulla

Neuropeptide Y / NPY Antibody (clone 2C10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Neuropeptide Y / NPY Antibody (clone 2C10) - Images



Western blot of NPY expression in transfected 293T cell line by NPY monoclonal antibody, clone 2C10.

Neuropeptide Y / NPY Antibody (clone 2C10) - Background

NPY is implicated in the control of feeding and in secretion of gonadotrophin-release hormone.

Neuropeptide Y / NPY Antibody (clone 2C10) - References

- Mintz C.D., et al. Proc. Natl. Acad. Sci. U.S.A. 81:4577-4581(1984).
Mintz C.D., et al. J. Biol. Chem. 261:11974-11979(1986).
Takeuchi T., et al. J. Clin. Invest. 77:1038-1041(1986).
Hillier L.W., et al. Nature 424:157-164(2003).
Allen J.M., et al. Neuropeptides 6:95-100(1985).