

NPFF Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5251b

Product Information

Application	WB, FC, E
Primary Accession	Q15130
Other Accession	Q9WVA9 , Q9WVA8 , Q9TUX7
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25886
Calculated MW	12440
Antigen Region	86-113

Additional Information

Gene ID	8620
Other Names	Pro-FMRFamide-related neuropeptide FF, FMRFamide-related peptides, Neuropeptide SF, NPSF, Neuropeptide FF, NPFF, Neuropeptide AF, NPAF, NPFF
Target/Specificity	This NPFF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 86-113 amino acids from the C-terminal region of human NPFF.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NPFF Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NPFF (HGNC:7901)
Function	Morphine modulating peptides. Have wide-ranging physiologic effects, including the modulation of morphine-induced analgesia, elevation of arterial

blood pressure, and increased somatostatin secretion from the pancreas. Neuropeptide FF potentiates and sensitizes ASIC1 and ASIC3 channels.

Cellular Location

Secreted.

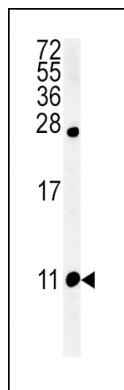
Background

FMFRamide-related protein precursor plays a role in the regulation of heart rate and blood pressure and the modulation of morphine-induced antinociception. FMRFAL encodes a preproprotein which is cleaved to form two active peptides with similar function.

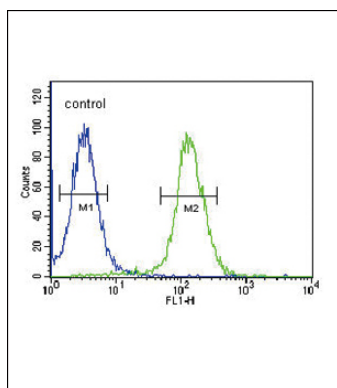
References

Yang, H.Y., et al. *Neuropeptides* 42(1):1-18(2008)
Roumy, M., et al. *J. Biol. Chem.* 282(11):8332-8342(2007)
Anko, M.L., et al. *J. Neurochem.* 96(2):573-584(2006)

Images



Western blot analysis of NPFF Antibody (C-term) (Cat. #AP5251b) in 293 cell line lysates (35ug/lane). NPFF (arrow) was detected using the purified Pab.



NPFF Antibody (C-term) (Cat. #AP5251b) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.