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NPFF Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5251b

Specification

NPFF Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	O15130
Other Accession	Q9WVA9, Q9WVA8, Q9TUX7
Reactivity	**Human**
Predicted	**Bovine, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**86-113**

NPFF Antibody (C-term) - 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

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.

NPFF Antibody (C-term) - Protein Information

Name NPFF

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.

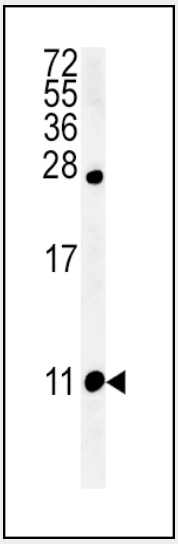
Cellular Location
Secreted.

NPFF Antibody (C-term) - Protocols

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

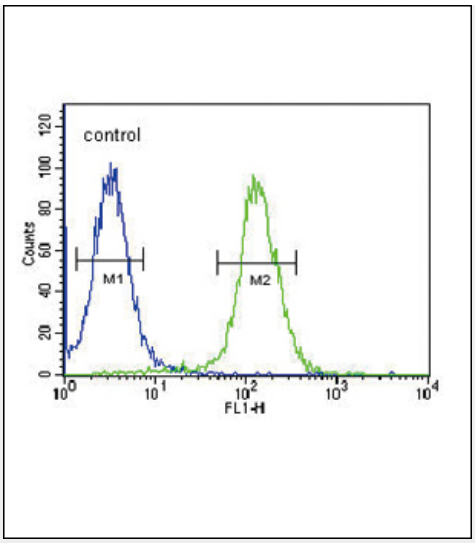
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NPFF Antibody (C-term) - 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.

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

NPFF Antibody (C-term) - 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.

NPFF Antibody (C-term) - 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)