

Rabbit NPFF Polyclonal Antibody | anti-NPFF antibody

NPFF Antibody (C-term)

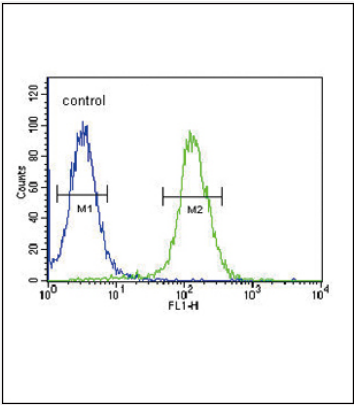
CATALOG # AAA289422	HOST Rabbit	REACTIVITY Human Predicted Reactivity: Bovine, Mouse, Rat	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

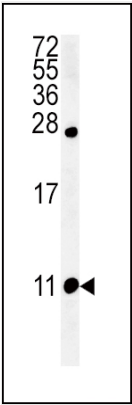
NPFF; Polyclonal Antibody; NPFF Antibody (C-term); Pro-FMRFamide-related neuropeptide FF; FMRFamide-related peptides; Neuropeptide SF; NPSF; Neuropeptide FF; Neuropeptide AF; NPAF; anti-NPFF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Bovine, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	86-113
Sequence Length	116
Applicable Applications for anti-NPFF antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Function	Morphine modulating peptides. Have wide-ranging physiologic effects, including the modulation of morphine-induced analgesia, elevation of arterial blood pressure, and increased somatostat insecretion from the pancreas. Neuropeptide FF potentiates and sensitizes ASIC1 and ASIC3 channels.
Cellular Location	Secreted
Antigen Region	86-113
Preparation and 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.



FCM/FACS (Flow Cytometry)
NPFF Antibody (C-term) (AAA289422) 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.



WB (Western Blot)
Western blot analysis of NPFF Antibody (C-term) (AAA289422) in 293 cell line lysates (35ug/lane).NPFF (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NPFF antibody	FMRFamide-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.
Product Categories/Family for anti-NPFF antibody	Neuroscience
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503769
NCBI GeneID	8620
NCBI Accession #	NP_003708.1
NCBI GenBank Nucleotide #	NM_003717.2
UniProt Accession #	O15130; Q3SXL4
NCBI Official Full Name	pro-FMRFamide-related neuropeptide FF preproprotein
NCBI Official Synonym Full Names	neuropeptide FF-amide peptide precursor
NCBI Official Symbol	NPFF
NCBI Official Synonym Symbols	FMRFAL
NCBI Protein Information	pro-FMRFamide-related neuropeptide FF
UniProt Protein Name	Pro-FMRFamide-related neuropeptide FF
UniProt Gene Name	NPFF
UniProt Synonym Gene Names	NPSF; NPFF; NPAF
UniProt Entry Name	NPFF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/npff-antibody-flow-cytometry-western-blot-elisa/289422>