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Rabbit Anti-NPFF antibody

SL8150R

Product Name:	NPFF
Chinese Name:	吗啡痛觉调节肽NPFF抗体
Alias:	FMFRamide related peptide precursor; FMRFAL; FMRFamide related peptides precursor; FMRFamide-related peptides [Precursor]; Neuropeptide FF amide peptide precursor; NPFF; NPFF protein; NPFF_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	5.3kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NPFF/FMRFamide:51-113/113
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	FMRFamide related peptides are morphine modulating peptides that have many 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 ACCN2 and ACCN3 channels.

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 ACCN2 and ACCN3 channels.

Subunit:
Secreted.

Similarity:
Belongs to the FARP (FMRFamide related peptide) family.

SWISS:
O15130

Gene ID:
8620

Database links:

Entrez Gene: 8620Human

Omim: 604643Human

SwissProt: O15130Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

NPFF相关肽能介导多种生理活性，主要包括痛觉的调节、阿片的依赖和耐受、体温的调节、Cardiovascular系统的调节、胃肠道运动的调节、摄食和内分泌的调节。