



Rabbit Anti-NPVF/RFRP antibody

SL19339R

Product Name:	NPVF/RFRP
Chinese Name:	神经肽NPSF抗体
Alias:	C7orf9; Neuropeptide NPSF; Neuropeptide NPVF; Neuropeptide RFRP-1; Neuropeptide RFRP-2; Neuropeptide RFRP-3; Neuropeptide VF; NPVF; RFRP; NPVF HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	4.3kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NPVF/RFRP:124-131/196
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:	This gene encodes a protein similar to the rat neuronal pentraxin receptor. The rat pentraxin receptor is an integral membrane protein that is thought to mediate neuronal uptake of the snake venom toxin, taipoxin, and its transport into the synapses. Studies in rat indicate that translation of this mRNA initiates at a non-AUG (CUG) codon. This may also be true for mouse and human, based on strong sequence conservation amongst

these species. [provided by RefSeq, Jul 2008]

Function:

Neuropeptide RFRP-1 acts as a potent negative regulator of gonadotropin synthesis and secretion. Neuropeptides NPSF and NPVF efficiently inhibit forskolin-induced production of cAMP, but RFRP-2 shows no inhibitory activity. Neuropeptide RFRP-1 induces secretion of prolactin in rats. Neuropeptide NPVF blocks morphine-induced analgesia.

Subcellular Location:

Secreted.

Tissue Specificity:

Isoform 1 is specifically expressed in the retina. Neuropeptides RFRP-1 and NPVF are detected in the hypothalamus.

Similarity:

Belongs to the FARP (FMRFamide related peptide) family.

SWISS:

Q9HCQ7

Gene ID:

64111

Database links:

[Entrez Gene: 64111](#) Human

[SwissProt: Q9HCQ7](#) Human

[Unigene: 60473](#) Human

Important Note:

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