

NPVF/RFRP Rabbit pAb

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Catalog # AP57480

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9HCQ7
Predicted	Pig, Dog, Human, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22327
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NPVF/RFRP
Epitope Specificity	124-131/196
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	64111
Other Names	Pro-FMRFamide-related neuropeptide VF, Neuropeptide NPSF, Neuropeptide RFRP-1, Neuropeptide RFRP-2, Neuropeptide NPVF, Neuropeptide RFRP-3, NPVF (HGNC:13782), C7orf9, RFRP
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	NPVF (HGNC:13782)
Synonyms	C7orf9, RFRP
Function	[Neuropeptide RFRP-1]: Efficiently inhibits forskolin-induced production of cAMP. Acts as a potent negative regulator of gonadotropin synthesis and secretion (PubMed: 11025660 , PubMed: 20027225). Induces secretion of prolactin (By similarity).
Cellular Location	Secreted.
Tissue Location	[Isoform 1]: Specifically expressed in the retina. [Neuropeptide NPVF]: Detected in the hypothalamus.

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