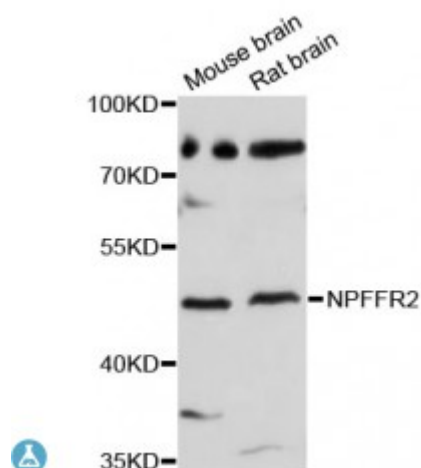


Anti-NPFFR2 Antibody



Description

This gene encodes a member of a subfamily of G-protein-coupled neuropeptide receptors. This protein is activated by the neuropeptides A-18-amide (NPAF) and F-8-amide (NPFF) and may function in pain modulation and regulation of the opioid system. Alternative splicing results in multiple transcript variants.

Model	STJ114919
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human NPFFR2 (NP_004876.2).
Gene ID	10886
Gene Symbol	NPFFR2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Isoform 1 is abundant in placenta, Relatively highly expressed in thymus, testis, and small intestine, Expressed at low levels in several tissues including spleen, prostate, brain, heart, ovary, colon, kidney, lung, liver and pancreas and not expressed in skeletal muscle and leukocytes, Isoform 2 expression is highest in placenta (but at relatively low level compared to isoform 1), Very low level of expression in numerous tissues including adipose tissue and many brain regions, Isoform 3 is expressed in br
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Neuropeptide FF receptor 2 G-protein coupled receptor 74 G-protein coupled receptor HLWAR77 Neuropeptide G-protein coupled receptor
Molecular Weight	60.27 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:4525OMIM:607449Reactome:R-HSA-389397
Alternative Names	Neuropeptide FF receptor 2 G-protein coupled receptor 74 G-protein coupled receptor HLWAR77 Neuropeptide G-protein coupled receptor
Function	Receptor for NPAF (A-18-F-amide) and NPFF (F-8-F-amide) neuropeptides, also known as morphine-modulating peptides, Can also be activated by a variety of naturally occurring or synthetic FMRF-amide like ligands, This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system
Cellular Localization	Cell membrane

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