

For Research Use Only

NPFFR2 Polyclonal antibody

Catalog Number: 19505-1-AP



Basic Information

Catalog Number: 19505-1-AP	GenBank Accession Number: NM_053036	Purification Method: Antigen affinity purification
Size: 240 µg/ml	GeneID (NCBI): 10886	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9Y5X5	
Isotype: IgG	Full Name: neuropeptide FF receptor 2	
	Calculated MW: 60 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human small intestine tissue, human placenta tissue, human testis tissue
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

NPFFR2, also named as GPR74, NPFF2 and NPGPR, belongs to the G-protein coupled receptor 1 family. NPFFR2 is a receptor for NPAF (A-18-F-amide) and NPFF (F-8-F-amide) neuropeptides which also known as morphine-modulating peptides. NPFFR2 can also be activated by a variety of naturally occurring or synthetic FMRF-amide like ligands. NPFFR2 mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. The antibody can recognize isoform1, isoform2 and isoform3 of NPFFR2.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

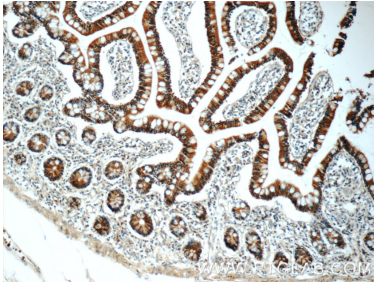
T: 4006900926

E: Proteintech-CN@ptglab.com

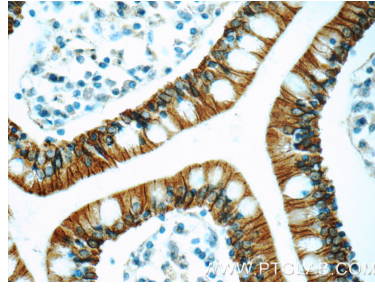
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 19505-1-AP (NPFFR2 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 19505-1-AP (NPFFR2 Antibody) at dilution of 1:50 (under 40x lens).