

For Research Use Only

# NPFFR2 Polyclonal antibody, PBS Only

Catalog Number: 19505-1-PBS



## Basic Information

Catalog Number:

19505-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_053036

GeneID (NCBI):

10886

UNIPROT ID:

Q9Y5X5

Full Name:

neuropeptide FF receptor 2

Calculated MW:

60 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

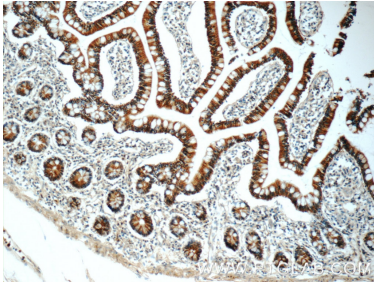
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

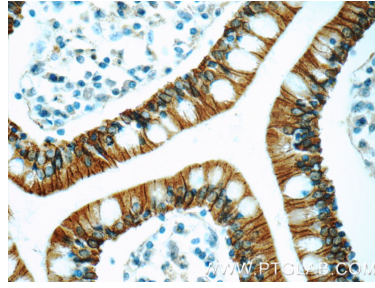
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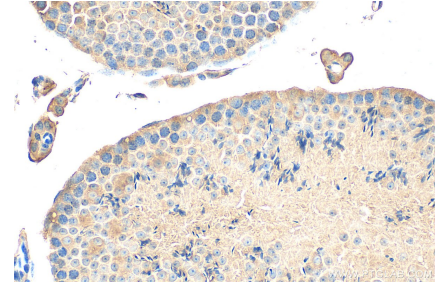
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 19505-1-AP (NPFFR2 Antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 19505-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 19505-1-AP (NPFFR2 Antibody) at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 19505-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 19505-1-AP (NPFFR2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 19505-1-PBS in a different storage buffer formulation.