

For Research Use Only

# NPFFR1 Polyclonal antibody, PBS Only

Catalog Number: 23415-1-PBS



## Basic Information

Catalog Number:

23415-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20057

GenBank Accession Number:

BC131580

GeneID (NCBI):

64106

UNIPROT ID:

Q9GZQ6

Full Name:

neuropeptide FF receptor 1

Calculated MW:

430 aa, 48 kDa

Observed MW:

48-50 kDa

Purification Method:

Antigen Affinity purified

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, rat

## Background Information

NPFFR1 (Neuropeptide FF Receptor 1) is primarily focused on its role in various physiological and pathological processes. NPFFR1 is involved in modulating the effects of opioids, including their analgesic properties and side effects. This interaction has led to research into the potential use of NPFFR1 ligands to enhance opioid efficacy and reduce adverse effects (PMID: 32673481). Research suggests that NPFFR1 may have neuroprotective effects, particularly in the context of stroke recovery. It may promote neuronal survival, axonal growth, and reduce inflammation (PMID: 39519132).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

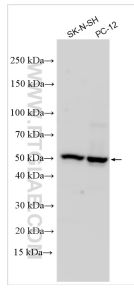
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23415-1-AP (NPFFR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23415-1-PBS in a different storage buffer formulation.