

For Research Use Only

# NPFFR1 Polyclonal antibody, PBS Only

Catalog Number: 23415-1-PBS



## Basic Information

<b>Catalog Number:</b> 23415-1-PBS	<b>GenBank Accession Number:</b> BC131580	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64106	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9GZQ6	
<b>Isotype:</b> IgG	<b>Full Name:</b> neuropeptide FF receptor 1	
<b>Immunogen Catalog Number:</b> AG20057	<b>Calculated MW:</b> 430 aa, 48 kDa	
	<b>Observed MW:</b> 48-50 kDa	

## 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.

**Storage Buffer:**  
PBS only, pH7.3

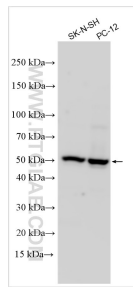
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## Selected Validation Data



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.