

For Research Use Only

NPFFR1 Polyclonal antibody

Catalog Number: 23415-1-AP



Basic Information

Catalog Number: 23415-1-AP	GenBank Accession Number: BC131580	Purification Method: Antigen Affinity purified
Concentration: 400 ug/ml	GeneID (NCBI): 64106	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9GZQ6	
Isotype: IgG	Full Name: neuropeptide FF receptor 1	
Immunogen Catalog Number: AG20057	Calculated MW: 430 aa, 48 kDa	
	Observed MW: 48-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SK-N-SH cells, PC-12 cells
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

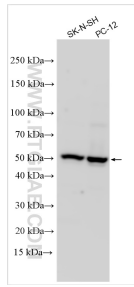
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Selected Validation Data



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.