

For Research Use Only

GPR151 Polyclonal antibody

Catalog Number: 30104-1-AP



Basic Information

Catalog Number: 30104-1-AP	GenBank Accession Number: NM_194251	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 134391	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q8TDV0	
Isotype: IgG	Full Name: G protein-coupled receptor 151	
Immunogen Catalog Number: AG32442	Calculated MW: 47kd	
	Observed MW: 46 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, K-562 cells
Species Specificity: Human	

Background Information

G protein-coupled receptors (GPCRs) are a superfamily of cell-surface receptors which are important for intracellular signal transduction. GPR151 (G protein-coupled receptor 151) is highly enriched in the the medial and lateral habenula and is expressed at presynaptic membranes and synaptic vesicles (PMID: 32098843). GPR151 has been reported to play an important role in modulating neuropathic pain and controlling nicotine addiction vulnerability (PMID: 32098843,34244727,30373770).

Storage

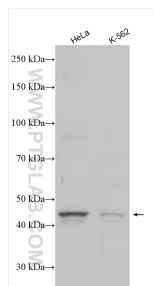
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



Various lysates were subjected to SDS PAGE followed by western blot with 30104-1-AP (GPR151 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.