

For Research Use Only

NTNG2 Polyclonal antibody

Catalog Number: 33842-1-AP



Basic Information

Catalog Number: 33842-1-AP	GenBank Accession Number: BC013770	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 320 ug/ml by Nanodrop;	GeneID (NCBI): 84628	Recommended Dilutions: WB: 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q96CW9	
Isotype: IgG	Full Name: netrin G2	
Immunogen Catalog Number: AG38229	Calculated MW: 60 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse retina tissue, rat retina tissue
Species Specificity: human, mouse, rat	

Background Information

NTNG2, also known as Netrin-G2, belongs to the Netrin family and operates through binding with its receptors. It is involved in controlling patterning and neuronal circuit formation at the laminar, cellular, subcellular and synaptic levels. It also promotes neurite outgrowth of both axons and dendrites (PMID: 21946559). NTNG2 has two isoforms with molecular weights of 59 kDa and 47 kDa respectively. According to the Uniprot website, this protein contains a signal peptide and a propeptide, so the molecular weight of the mature protein is approximately 50 kDa.

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

*** 20ul sizes contain 0.1% BSA

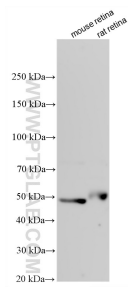
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33842-1-AP (NTNG2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.