

For Research Use Only

# NTNG2 Polyclonal antibody

Catalog Number: 33842-1-AP



## Basic Information

<b>Catalog Number:</b> 33842-1-AP	<b>GenBank Accession Number:</b> BC013770	<b>Purification Method:</b> Antigen affinity Purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 84628	<b>Recommended Dilutions:</b> WB: 1:500-1:3000
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q96CW9	
<b>Immunogen Catalog Number:</b> AG38229	<b>Full Name:</b> netrin G2	
	<b>Calculated MW:</b> 60 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse retina tissue, rat retina tissue
<b>Species Specificity:</b> 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

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

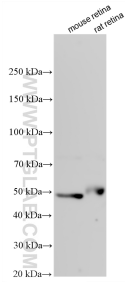
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## Selected Validation Data



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