

For Research Use Only

NTNG2 Polyclonal antibody, PBS Only

Catalog Number: 33842-1-PBS



Basic Information

Catalog Number:

33842-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38229

GenBank Accession Number:

BC013770

GeneID (NCBI):

84628

UNIPROT ID:

Q96CW9

Full Name:

netrin G2

Calculated MW:

60 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

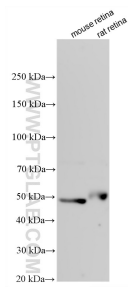
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 33842-1-PBS in a different storage buffer formulation.