

For Research Use Only

# NTN3 Polyclonal antibody

Catalog Number: 31893-1-AP



## Basic Information

**Catalog Number:**

31893-1-AP

**Size:**

150ul , Concentration: 400 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG34435

**GenBank Accession Number:**

Netrin-3

**GeneID (NCBI):**

4917

**UNIPROT ID:**

O00634

**Full Name:**

netrin 3

**Calculated MW:**

61 kDa

**Observed MW:**

62-70 kDa

**Purification Method:**

Antigen affinity Purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : mouse brain tissue, rat brain tissue

## Background Information

NTN3 (Netrin-3), also known as NTN2L NTN3 (Netrin-3) is predicted to be located in the Golgi apparatus and extracellular region, and it is also predicted to be active in the basement membrane. It is detected in various amounts in the skin, esophagus, bronchus, nasal cavity, kidney, and vagina in healthy human tissues (PMID: 37345154). The protein is predicted to enable signaling receptor binding activity and is involved in animal organ morphogenesis, neuron projection development, and tissue development. Netrins, including NTN3, are a group of proteins that exhibit structural homology to the extracellular matrix protein laminin and influence neurological and tumor progression. NTN3, along with other netrin family members, may play a role in tumor growth and migration in specific organs where they are expressed, potentially affecting disease progression. However, further research is needed to elucidate the precise prognostic and biological implications of NTN3 in various diseases, including cancer (PMID: 32251318). The molecular weight of NTN3 is 62 kDa. It is possible that the protein has glycosylation modification.

## 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

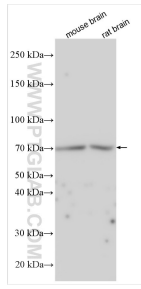
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31893-1-AP (NTN3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.