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## **NTN5 (N) Antibody, Rabbit Polyclonal**

**Cat#: R1054-1**

**Quantity: 100 ul**

**Predicted | Observed MW: 53 | 60 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q8WTR8**

### **Background:**

Netrin-5 (NTN5) is a member of the Netrin family, which are secreted proteins involved in axon guidance. Structurally, netrin resembles laminin. NTN5 contains 3 laminin EGF-like domains and 1 NTR domain. Netrins are chemotropic; a growing axon will either move towards or away from a higher concentration of netrin. Though the detailed mechanism of axon guidance is not fully understood, it is known that netrin attraction is mediated through UNC-40/DCC cell surface receptors and repulsion is mediated through UNC-5 receptors. Netrins also act as growth factors to promote cell growth. Mice deficient in netrin fail to form the hippocampal commissure or the corpus callosum.

### **Other Names:**

Netrin-5, Netrin-1-like protein, Netrin 5

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human NTN5. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

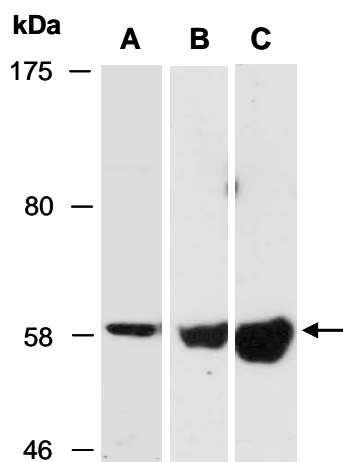
Human, Mouse

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from (A) mouse spleen, (B) mouse liver, (C) human T47D, using anti-NTN5 (N) (R1054-1) at RT for 2 h.