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## **NRP1 (N) Antibody, Rabbit Polyclonal**

**Cat#: R1116-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 103 | 140 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: O14786**

### **Background:**

Neuropilin-1 (NRP1) is one of two neuropilins containing specific protein domains, which allow them to participate in several different types of signaling pathways that control cell migration. Neuropilins contain a large N-terminal extracellular domain, made up of complement-binding, coagulation factor V/VIII, and meprin domains. These proteins also contains a short membrane-spanning domain and a small cytoplasmic domain. Neuropilins bind many ligands and various types of co-receptors; they affect cell survival, migration, and attraction. Some of the ligands and co-receptors bound by neuropilins are vascular endothelial growth factor (VEGF) and semaphorin family members. Several alternatively spliced transcript variants that encode different protein isoforms have been described for NRP1 [provided by RefSeq].

### **Other Names:**

Neuropilin-1, Vascular endothelial cell growth factor 165 receptor, CD304, NRP, VEGF165R

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human NRP1. 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:**

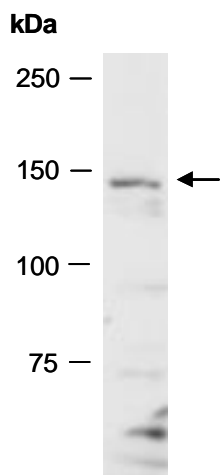
Human

### **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 human Jurkat, using anti-NRP1 (N) (R1116-1) at RT for 2 h.