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## **TACR1 (C1) Antibody, Rabbit Polyclonal**

**Cat#: R1136-1**

**Quantity: 100 ul**

**Predicted | Observed MW: 46 | 75 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P25103**

### **Background:**

Substance-P receptor /TACR1 is a multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family. TACR1 is a receptor for the tachykinin neuropeptide substance P (SP). It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.

### **Other Names:**

Substance-P receptor, NK-1 receptor, NK-1R, Tachykinin receptor 1, SPR, NK1R

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human TACR1. 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:**

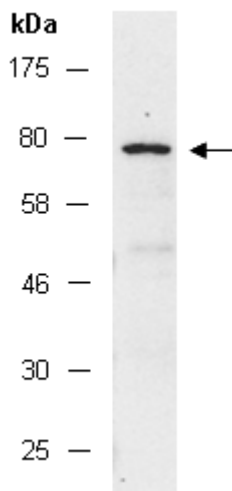
Human

### **Tested Applications:**

WB: 1:500-1:1,000 (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 Ab (R1136-1) at RT for 2 h. The observed M.W. of human TACR1 is approximately 75 kD.