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## **MKRN1 (N) Antibody, Rabbit Polyclonal**

**Cat#: R1044-1b**

**Quantity: 100 ul**

**Predicted | Observed MW: 53 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9UHC7**

### **Background:**

E3 ubiquitin-protein ligase makorin-1 (MKRN1) catalyzes the covalent attachment of ubiquitin moieties onto substrate proteins. These substrates include FILIP1, p53/TP53, CDKN1A and TERT. MKRN1 supports cell survival by suppressing p53/TP53 under normal conditions, but stimulates apoptosis by repressing CDKN1A under stress conditions. MKRN1 acts as a negative regulator of telomerase and has negative and positive effects on RNA polymerase II-dependent transcription.

### **Other Names:**

E3 ubiquitin-protein ligase makorin-1, RING finger protein 61, RNF61

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human MKRN1. 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:**

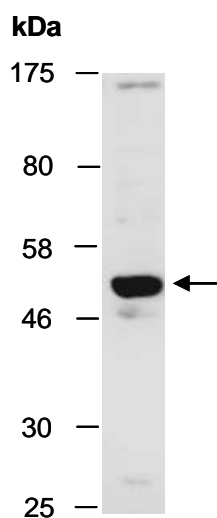
Human, Mouse

### **Tested Applications:**

WB: 1:500-1:2,000 (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 mouse brain, using Ab (R1044-1b) at RT for 2 h.