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## **PINK1 (C2) Antibody, Rabbit Polyclonal**

**Cat#: R3173-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 63 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9BXM7**

### **Background:**

Serine/threonine-protein kinase PINK1, mitochondrial (PINK1) is a single-pass membrane protein belonging to the protein kinase superfamily and the Ser/Thr protein kinase family. PINK1 protects against mitochondrial dysfunction during cellular stress, potentially by phosphorylating mitochondrial proteins. PINK1 is also involved in the clearance of damaged mitochondria via selective autophagy (mitophagy). Additionally, PINK1 targets PARK2 to dysfunctional depolarized mitochondria through the phosphorylation of MFN2.

### **Other Names:**

Serine/threonine-protein kinase PINK1, mitochondrial, BRPK, PTEN-induced putative kinase protein 1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human PINK1. 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:**

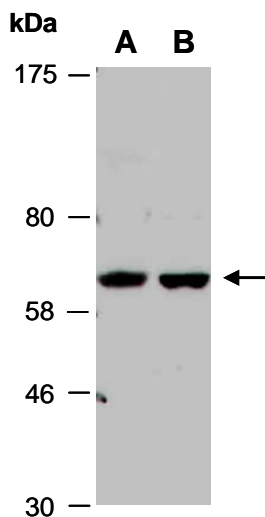
Human, Mouse

### **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 brain, B) human HeLa; using anti-PINK1 (C2) (R3173-2) at RT for 2 h.