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## PER3 (M) Antibody, Rabbit Polyclonal

**Cat#: R1483-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 132 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P56645**

### **Background:**

Period circadian protein homolog 3 (PER3) is a component of the circadian clock mechanism which is essential for generating circadian rhythms. PER3 is a homodimer which can bind heme, as well as interact directly with PER1, PER2, CRY1, CRY2, and TIMELESS. PER3 interaction with CSNK1D or CSNK1E promotes nuclear location of PER proteins.

### **Other Names:**

Period circadian protein homolog 3, hPER3, Cell growth-inhibiting gene 13 protein, Circadian clock protein PERIOD 3

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human PER3. 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:**

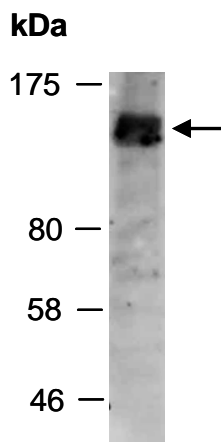
Human, Mouse

### **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 mouse brain; using anti-PER3 (M) (R1483-1) at RT for 2 h.