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## HOPX (N) Antibody, Rabbit Polyclonal

**Cat#:** R0598-1

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 8 | 17 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** Q8R1H0

### **Background:**

Homeobox-only protein (HOPX) is a homeodomain protein that lacks certain conserved residues required for DNA binding. It was reported that choriocarcinoma cell lines and tissues failed to express HOPX, which suggested the possible involvement of hOPX in malignant conversion of placental trophoblasts. Studies in mice suggest that HOPX may interact with serum response factor (SRF) and modulate SRF-dependent cardiac-specific gene expression and cardiac development.

### **Other Names:**

Homeodomain-only protein, Homeobox-only protein, Odd homeobox protein 1, HOP, LAGY, NECC1, OB1, SMAP31

### **Source and Purity:**

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

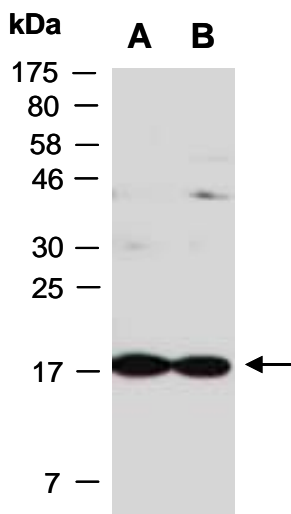
Human, Mouse

### **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) human HeLa, B) human Jurkat; using anti-HOPX (N) (R0598-1) at RT for 2 h.