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## **CBX8 (N) Antibody, Rabbit Polyclonal**

**Cat#: R0895-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 43 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9HC52**

### **Background:**

Chromobox protein homolog 8 (CBX8) is a component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.

### **Other Names:**

Chromobox protein homolog 8, PC3, RC1, Polycomb 3 homolog, Pc3, hPc3, Rectachrome 1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CBX8. 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:**

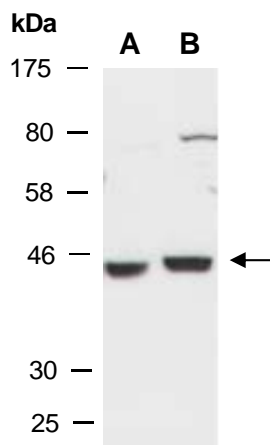
Human

### **Tested Applications:**

WB: 1:1,000-1:3,000 (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-CBX8 (N) (R0895-1) at RT for 2 h.