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## **REST (C) Antibody, Rabbit Polyclonal**

**Cat#: R1449-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 122 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q13127**

### **Background:**

RE1-silencing transcription factor (REST) is a transcriptional repressor which binds neuron-restrictive silencer element (NRSE) and represses neuronal gene transcription in non-neuronal cells. REST restricts the expression of neuronal genes by associating with two distinct corepressors, mSin3 and CoREST, which in turn recruit histone deacetylase to the promoters of REST-regulated genes. Additionally, REST mediates repression by recruiting the BHC complex at RE1/NRSE sites which acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier.

### **Other Names:**

RE1-silencing transcription factor, Neural-restrictive silencer factor, X2 box repressor, NRSF, XBR

### **Source and Purity:**

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

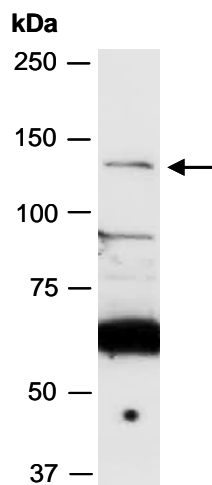
Human

### **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 human Jurkat; using anti-REST (C) (R1449-2) at RT for 2 h.