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## **SREBP2 (N) Antibody, Rabbit Polyclonal**

**Cat#: R3190-1**

**Quantity: 100 ul**

**Predicted | Observed MW: 124 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q12772**

### **Background:**

Sterol regulatory element-binding protein 2 (SREBP2) is a ubiquitously expressed transcription factor that controls cholesterol homeostasis by regulating transcription of sterol-regulated genes. SREBP2 contains a basic helix-loop-helix-leucine zipper (bHLH-Zip) domain and binds the sterol regulatory element 1 motif. SREBP2 regulates transcription of the LDL receptor gene as well as the cholesterol and to a lesser degree the fatty acid synthesis pathway.

### **Other Names:**

Sterol regulatory element-binding protein 2, SREBP-2, Class D basic helix-loop-helix protein 2, bHLHd2, Sterol regulatory element-binding transcription factor 2, BHLHD2, SREBP2

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human SREBP2. 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:**

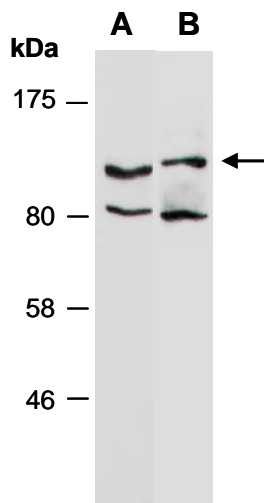
Human, Mouse

### **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-SREBP2 (N) (R3190-1) at RT for 2 h.