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## **SIRT6 (N) Antibody, Rabbit Polyclonal**

**Cat#: R2602-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 39 | 46 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q8N6T7**

### **Background:**

NAD-dependent protein deacetylase sirtuin-6 (SIRT6) belongs to the sirtuin family and the class IV subfamily. SIRT6 is a NAD-dependent protein deacetylase and has deacetylase activity towards histone H3K9Ac and H3K56Ac. SIRT6 modulates acetylation of histone H3 in telomeric chromatin during the S-phase of the cell cycle. SIRT6 deacetylates histone H3K9Ac at NF-kappa-B target promoters and may down-regulate the expression of a subset of NF-kappa-B target genes.

### **Other Names:**

NAD-dependent protein deacetylase sirtuin-6, SIR2L6, Regulatory protein SIR2 homolog 6, SIR2-like protein 6

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human SIRT6. 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:**

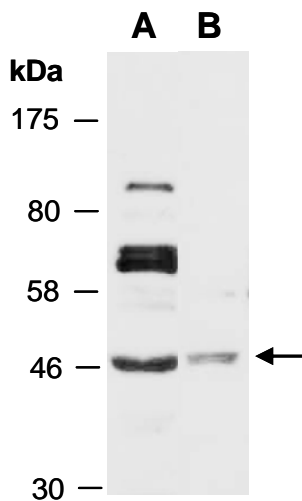
Human, Mouse

### **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) mouse thymus; using anti-SIRT6 (N) (R2602-1) at RT for 2 h.