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## USP16 (N) Antibody, Rabbit Polyclonal

**Cat#:** R3341-1

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 94 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** Q9Y5T5

### **Background:**

Ubiquitin carboxyl-terminal hydrolase 16 (USP16) is a deubiquitinating enzyme that is phosphorylated at the onset of mitosis and then dephosphorylated at the metaphase/anaphase transition. USP16 can deubiquitinate H2A, one of two major ubiquitinated proteins of chromatin, in vitro and a mutant form of the protein was shown to block cell division.

### **Other Names:**

Ubiquitin carboxyl-terminal hydrolase 16, Deubiquitinating enzyme 16, Ubiquitin thioesterase 16, Ubiquitin-processing protease UBP-M, Ubiquitin-specific-processing protease 16, MSTP039

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human USP16. 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:**

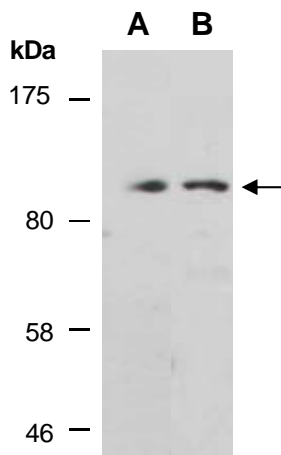
Human, Mouse

### **Tested Applications:**

WB: 1:500-1:2,000 (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-USP16 (N) (R3341-1) at RT for 2 h.