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## DICER1 (C) Antibody, Rabbit Polyclonal

**Cat#: R2388-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 219 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9UPY3**

### **Background:**

Endoribonuclease Dicer (DICER1) belongs to the helicase family and the Dicer subfamily. DICER1 is a double-stranded RNA (dsRNA) endoribonuclease playing a central role in short dsRNA-mediated post-transcriptional gene silencing. DICER1 cleaves naturally occurring long dsRNAs and short hairpin pre-microRNAs (miRNA) into fragments of twenty-one to twenty-three nucleotides with 3' overhang of two nucleotides, producing respectively short interfering RNAs (siRNA) and mature microRNAs.

### **Other Names:**

Endoribonuclease Dicer, Helicase with RNase motif, Helicase MOI, DICER, HERNA, KIAA0928

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human DICER1. 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:**

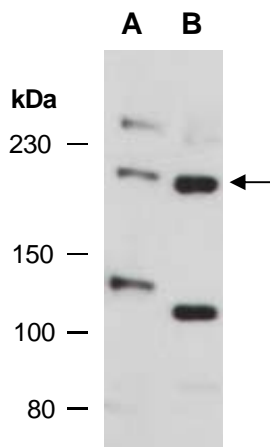
Human, Mouse

### **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 thymus, B) human HeLa; using anti-DICER1 (C) (R2388-2) at RT for 2 h.