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## **DDX5 (N) Antibody, Rabbit Polyclonal**

**Cat#: R2930-1**

**Quantity: 100 ul**

**Predicted | Observed MW: 69 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: P17844**

### **Background:**

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX5 is a DEAD box protein, which is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen.

### **Other Names:**

Probable ATP-dependent RNA helicase DDX5, DEAD box protein 5, RNA helicase p68, G17P1, HELR, HLR1, DEAD (Asp-Glu-Ala-Asp) box helicase 5

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human DDX5. 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:**

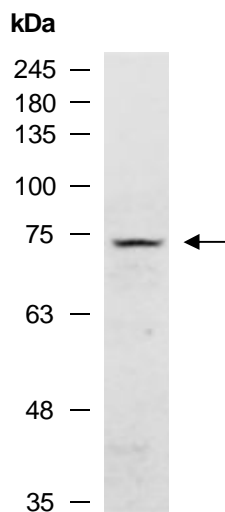
Human

### **Tested Applications:**

WB: 1:500-1:2,000 (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 protein extracts from human HeLa, using anti-DDX5 (N) (R2930-1) at RT for 2 h.