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## **CUL4A (N1) Antibody, Rabbit Polyclonal**

**Cat#: R0210-2**

**Quantity: 100 ul**

**Predicted M.W.: 88 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q13619**

### **Background:**

CUL4A is the ubiquitin ligase component of a multimeric complex involved in the degradation of DNA damage-response proteins. CUL4A is a core component of multiple cullin-RING-based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins. As a scaffold protein, CUL4A may contribute to catalysis through positioning of the substrate and the ubiquitin-conjugating enzyme. The E3 ubiquitin-protein ligase activity of the complex is dependent on the neddylation of the cullin subunit. CUL4A may be involved in ubiquitination of JUN, P53, CDKN1B and HOXA9.

### **Other Names:**

Cullin-4A

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CUL4A. 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: 1:1,000-1:5,000 (detect endogenous protein\*)

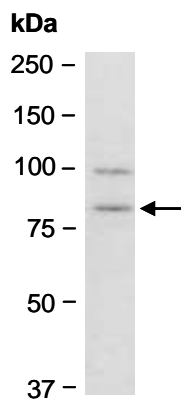
\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.



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**Product Data:**



**Fig 1.** Western blot of total cell extracts from human HeLa, using Ab (R0210-2) at RT for 2 h.

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