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## **CNOT3 (N) Antibody, Rabbit Polyclonal**

**Cat#: R2040-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 82 | 110 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: O75175**

### **Background:**

CCR4-NOT transcription complex subunit 3 (CNOT3) belongs to the CNOT2/3/5 family. CNOT3 is a component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. CNOT3 may be involved in metabolic regulation; additionally, CNOT3 may also be involved in recruitment of the CCR4-NOT complex to deadenylation target mRNAs involved in energy metabolism.

### **Other Names:**

CCR4-NOT transcription complex subunit 3, CCR4-associated factor 3, Leukocyte receptor cluster member 2, KIAA0691, LENG2, NOT3

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CNOT3. 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:**

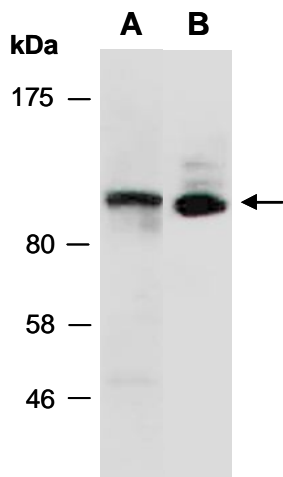
Human, Mouse

### **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) human Jurkat; using anti-CNOT3 (N) (R2040-1) at RT for 2 h.