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## **NPRL3 (N2) Antibody, Rabbit Polyclonal**

**Cat#: R3176-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 64 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q12980**

### **Background:**

NPRL3, as a component of the GATOR1 complex, inhibitor of the amino acid-sensing branch of the TORC1 pathway. The GATOR1 complex strongly increases GTP hydrolysis by RRAGA and RRAGB within RRAGC-containing heterodimers, thereby deactivating RRAGs, releasing mTORC1 from lysosomal surface and inhibiting mTORC1 signaling.

### **Other Names:**

Nitrogen permease regulator 3-like protein, 14 gene protein, Alpha-globin regulatory element-containing gene protein, Protein CGTHBA

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of human NPRL3. 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:**

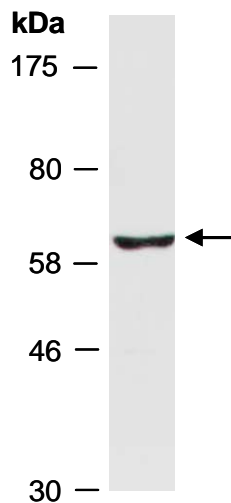
Human

### **Tested Applications:**

WB: 1:1,000-1:3,000 (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 human Jurkat; using anti-NPRL3 (N2) (R3176-2) at RT for 2 h.