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## **ZNRF3 (N) Antibody, Rabbit Polyclonal**

**Cat#: R2407-1**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 101 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9ULT6**

### **Background:**

E3 ubiquitin-protein ligase ZNRF3 is a single-pass type I membrane protein belonging to the ZNRF3 family. ZNRF3 is an E3 ubiquitin-protein ligase that acts as a negative regulator of the Wnt signaling pathway by mediating the ubiquitination and subsequent degradation of Wnt receptor complex components Frizzled and LRP6. ZNRF3 acts on both canonical and non-canonical Wnt signaling pathway. Additionally, ZNRF3 acts as a tumor suppressor in the intestinal stem cell zone by inhibiting the Wnt signaling pathway, thereby restricting the size of the intestinal stem cell zone.

### **Other Names:**

E3 ubiquitin-protein ligase ZNRF3, RING finger protein 203, Zinc/RING finger protein 3, KIAA1133, RNF203

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human ZNRF3. 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:**

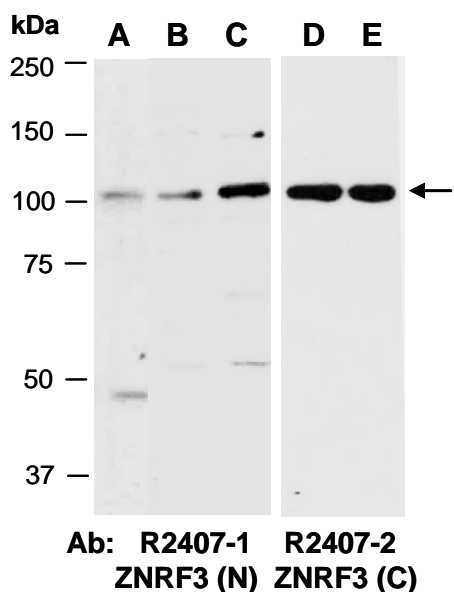
Human, Mouse

### **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, D) human HeLa, (C, E) human Jurkat; using 2 independent Abs against 2 distinct regions of human ZNRF3 at RT for 2 h.