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## **RSPO3 (C) Antibody, Rabbit Polyclonal**

**Cat#: R2920-2**

**Quantity: 100 ul**

**Predicted | Observed M.W.: 31 | 40 kDa**

**Lot#: Refer to vial**

**Application: WB**

**Uniprot ID: Q9BXY4**

### **Background:**

R-spondin-3 (RSPO3) belongs to the R-spondin family and is an activator of the canonical Wnt signaling pathway by acting as a ligand for LGR4-6 receptors. Upon binding to LGR4-6 (LGR4, LGR5 or LGR6), LGR4-6 associate with phosphorylated LRP6 and frizzled receptors that are activated by extracellular Wnt receptors, triggering the canonical Wnt signaling pathway to increase expression of target genes.

### **Other Names:**

R-spondin-3, Protein with TSP type-1 repeat, Hpwtsr, Roof plate-specific spondin-3, hRspo3, Thrombospondin type-1 domain-containing protein 2, PWTSR, THSD2

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human RSPO3. 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:**

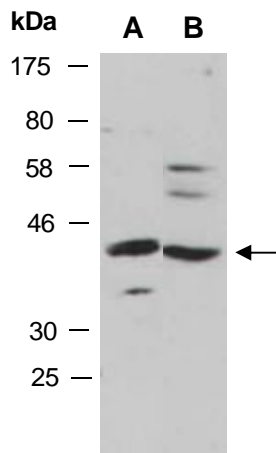
Human, Mouse

### **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-RSP03 (C) (R2920-2) at RT for 2 h.