



Order: (888)-282-5810 (Phone)  
(818)-707-0392 (Fax)  
[order@abiocode.com](mailto:order@abiocode.com)  
Web: [www.Abiocode.com](http://www.Abiocode.com)

---

## **RSPO4 (M) Antibody, Rabbit Polyclonal**

**Cat#:** R2808-1

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 26 | 30 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** Q2I0M5

### **Background:**

R-spondin-4 (RSPO4) 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-4, Roof plate-specific spondin-4, hRspo4, C20orf182

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human RSPO4. 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:**

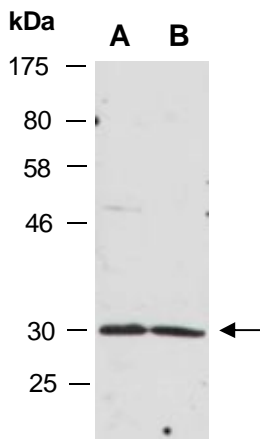
Human

### **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 A) human HeLa, B) human Jurkat; using anti-RSP04 (M) (R2808-1) at RT for 2 h.