

## RSPO1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:** 29kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human RSPO1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

RSPO; CRISTIN3;

**Catalog #:** A8289

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 284654

**Isotype:** IgG

**Swiss Prot:** Q2MKA7

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a secreted activator protein with two cysteine-rich, furin-like domains and one thrombospondin type 1 domain. The encoded protein is a ligand for leucine-rich repeat-containing G-protein coupled receptors (LGR proteins) and positively regulates the Wnt signaling pathway. In mice, the protein induces the rapid onset of crypt cell proliferation and increases intestinal epithelial healing, providing a protective effect against chemotherapy-induced adverse effects. Alternative splicing results in multiple transcript variants.

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