

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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