

RSPO1 Polyclonal Antibody

Catalog No: #31496



Package Size: #31496-1 50ul #31496-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

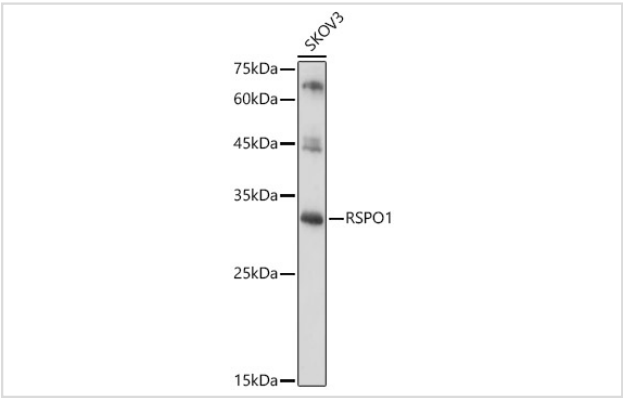
Description

Product Name	RSPO1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	Recombinant fusion protein of human RSPO1 (NP_001033722.1).
Conjugates	Unconjugated
Other Names	RSPO1;CRISTIN3;RSPO
Accession No.	Uniprot:Q2MKA7GeneID:284654
Calculated MW	29kDa
SDS-PAGE MW	29KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

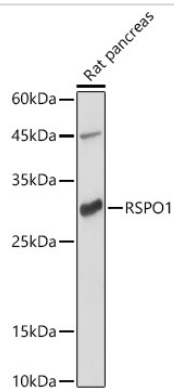
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:100IF 1:50 - 1:200

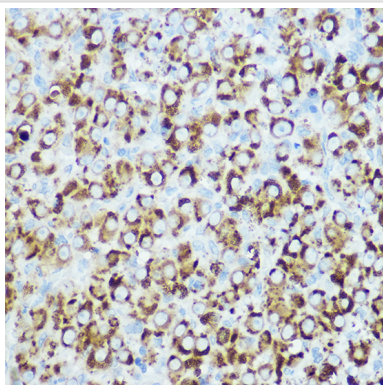
Images



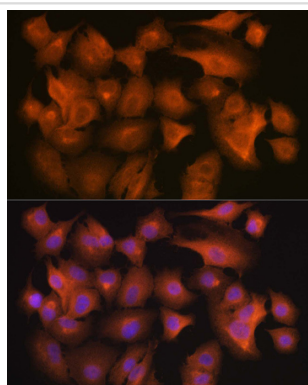
Western blot analysis of extracts of SKOV3 cells, using RSPO1 antibody.



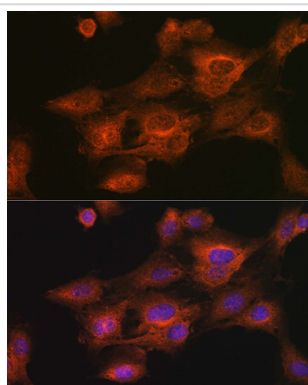
Western blot analysis of extracts of Rat pancreas, using RSPO1 antibody.



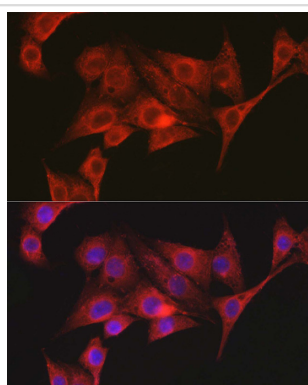
Immunohistochemistry of paraffin-embedded rat ovary using RSPO1 Rabbit pAb.



Immunofluorescence analysis of A549 cells using RSPO1 Rabbit pAb.



Immunofluorescence analysis of C6 cells using RSPO1 Rabbit pAb.



Immunofluorescence analysis of NIH-3T3 cells using RSPO1 Rabbit pAb.

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.

Published Papers

el at., Prognostic prediction and diagnostic role of Rspondin 1 expression in esophageal squamous cell carcinoma. In Indian J Pathol Microbiol on 2024 Jun 8 by Xiaoxia Cheng, Jiao Liu, et al..PMID:38864442, , (2024)

[PMID:38864442](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.