

RSPO1 Polyclonal Antibody

Catalog No: #31496

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

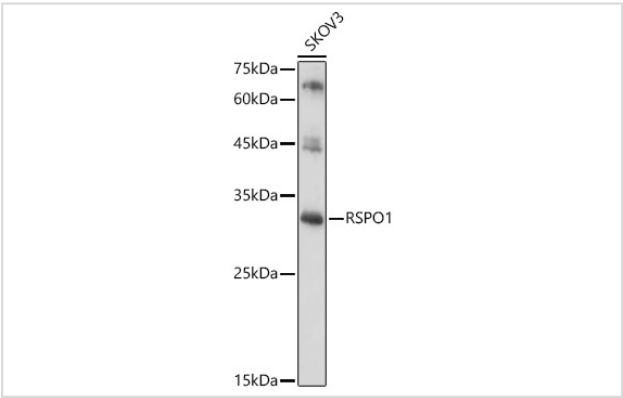
Description

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.

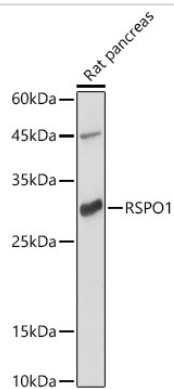
Application Details

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

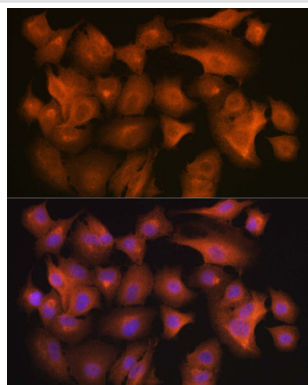
Images



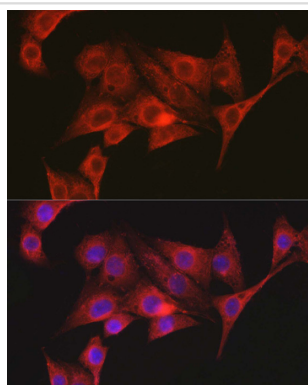
Western blot analysis of extracts of SKOV3 cells, using RSPO1 antibody.



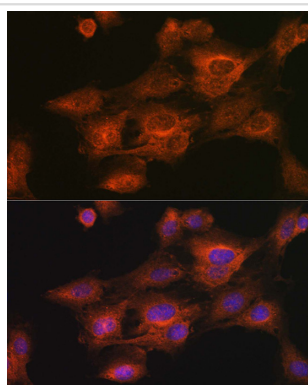
Western blot analysis of extracts of Rat pancreas, using RSPO1 antibody.



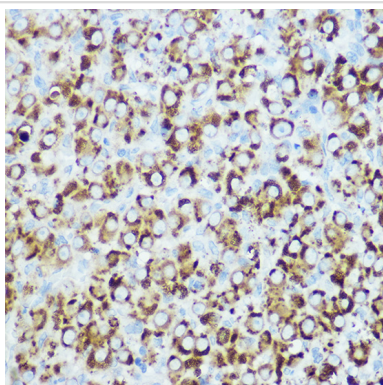
Immunofluorescence analysis of A549 cells using RSPO1 Rabbit pAb.



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



Immunofluorescence analysis of C6 cells using RSPO1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat ovary 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.