Datasheet for ABIN7166935

anti-RSPO1 antibody (AA 21-263)

2 Images

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Overview

Quantity:	100 µL
Target:	RSPO1
Binding Specificity:	AA 21-263
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RSPO1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human R-spondin-1 protein (21-263AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	RSPO1
Alternative Name:	RSPO1 (RSPO1 Products)
Background:	Background: 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

Target Details

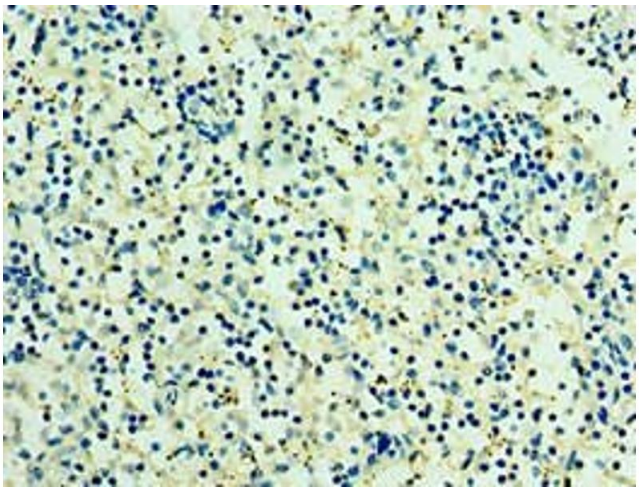
	phosphorylated LRP6 and frizzled receptors that are activated by extracellular Wnt receptors, triggering the canonical Wnt signaling pathway to increase expression of target genes. Also regulates the canonical Wnt/beta-catenin-dependent pathway and non-canonical Wnt signaling by acting as an inhibitor of ZNRF3, an important regulator of the Wnt signaling pathway. Acts as a ligand for frizzled FZD8 and LRP6. May negatively regulate the TGF-beta pathway. Has a essential roles in ovary determination. Aliases: CRISTIN3, FLJ40906, hRspo1, R spondin homolog, R spondin homolog (Xenopus laevis), R spondin1, R-spondin-1, Roof plate specific spondin, Roof plate-specific spondin-1, RP11-566C13.1, RSPO, Rspo1, RSPO1_HUMAN
UniProt:	Q2MKA7

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

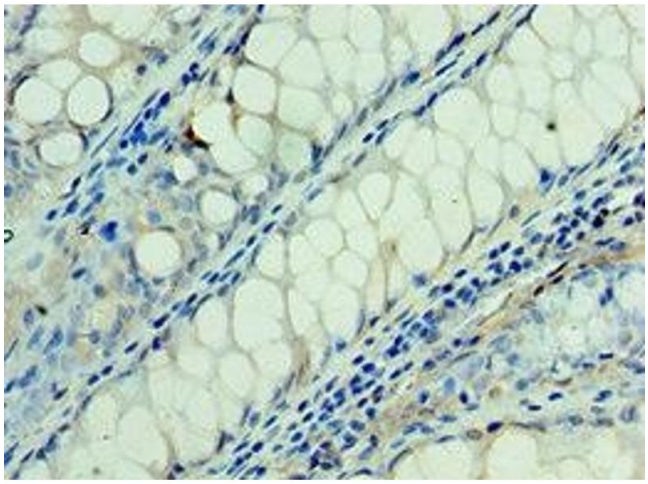
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human spleen tissue using ABIN7166935 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7166935 at dilution of 1:100

