Datasheet for ABIN6243984

anti-R-Spondin 3 antibody (AA 197-230)

Go to Product page

1 Image

Overview

Quantity:	50 µL
Target:	R-Spondin 3 (RSPO3)
Binding Specificity:	AA 197-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This R-Spondin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This RSPO3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 197-230 amino acids from human RSPO3.
Clone:	RB54572
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	R-Spondin 3 (RSPO3)
Alternative Name:	RSPO3 (RSPO3 Products)
Background:	Activator of the canonical Wnt signaling pathway by acting as a ligand for LGR4-6 receptors.

Copyright antibodies-online. All rights reserved.

Target Details

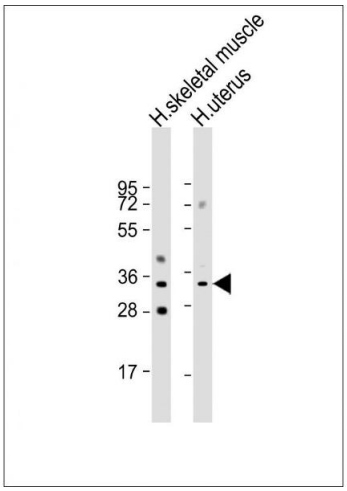
	Upon binding to LGR4-6 (LGR4, LGR5 or LGR6), LGR4-6 associate with phosphorylated LRP6 and frizzled receptors that are activated by extracellular Wnt receptors, triggering the canonical Wnt signaling pathway to increase expression of target genes. Also regulates the canonical Wnt/beta-catenin-dependent 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.
Molecular Weight:	30929
UniProt:	Q9BXY4

Application Details

Application Notes:	WB: 1:8000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months



Western Blotting

Image 1. All lanes : Anti-RSPO3 Antibody (C-Term) at 1:8000 dilution Lane 1: human skeletal muscle lysate Lane 2: human uterus lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Copyright antibodies-online. All rights reserved.