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Datasheet for ABIN7166937

anti-R-Spondin 3 antibody (AA 22-272) (Biotin)

Overview

Quantity:	100 µg
Target:	R-Spondin 3 (RSP03)
Binding Specificity:	AA 22-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This R-Spondin 3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human R-spondin-3 protein (22-272AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	R-Spondin 3 (RSP03)
Alternative Name:	RSP03 (RSP03 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.

Aliases: CRISTIN1 antibody, hPWTSR antibody, hRspo3 antibody, Protein with TSP type-1 repeat antibody, PWTSR antibody, R-spondin 3 homolog antibody, R-spondin-3 [Precursor] antibody, R-spondin-3 antibody, Roof plate specific spondin-3 antibody, Roof plate-specific spondin-3 antibody, RSPO3 antibody, RSPO3_HUMAN antibody, Thrombospondin type I domain containing 2 antibody, Thrombospondin type-1 domain-containing protein 2 antibody, THSD2 antibody

UniProt: [Q9BXY4](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.