

Datasheet for ABIN5690235
anti-R-Spondin 3 antibody (AA 200-250)



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Overview

Quantity:	0.1 mg
Target:	R-Spondin 3 (RSP03)
Binding Specificity:	AA 200-250
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This R-Spondin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	RSP03 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human RSP03. The immunogen is located within amino acids 200 - 250 of RSP03.
Isotype:	IgG
Specificity:	RSP03 antibody is human and mouse reactive. At least three isoforms of RSP03 are known to exist, this antibody will detect all three.
Purification:	RSP03 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	R-Spondin 3 (RSP03)
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Target Details

Alternative Name:	RSPO3 (RSPO3 Products)
Background:	RSPO3 is a member of the R-spondin family and plays a role in the regulation of Wnt (wingless-type MMTV integration site family)/beta-catenin and Wnt/planar cell polarity (PCP) signaling pathways, which are involved in development, cell growth and disease pathogenesis (1,2). RSPO3 has been shown to be involved in regulating the balance between angioblast and blood cell specification during embryonic vasculogenesis and angiogenesis and may be involved in tumor development (3,4).
Molecular Weight:	Predicted: 30 kDa Observed: 30 kDa
Gene ID:	84870
NCBI Accession:	NP_116173
UniProt:	Q9BXY4

Application Details

Application Notes:	RSPO3 antibody can be used for detection of RSPO3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	RSPO3 antibody is supplied in PBS containing 0.02 % 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
Storage Comment:	RSPO3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.