

Datasheet for ABIN6992127  
**anti-R-Spondin 3 antibody (C-Term)**



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## Overview

Quantity:	0.1 mg
Target:	R-Spondin 3 (RSPO3)
Binding Specificity:	AA 200-250, C-Term
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:	RSPO3 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human RSPO3. The immunogen is located within amino acids 200 - 250 of RSPO3.
Isotype:	IgG
Specificity:	RSPO3 antibody is human and mouse reactive. At least three isoforms of RSPO3 are known to exist, this antibody will detect all three.
Purification:	RSPO3 antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	R-Spondin 3 (RSPO3)
Alternative Name:	RSPO3 ( <a href="#">RSPO3 Products</a> )

## Target Details

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**Background:** RSP03 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). RSP03 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

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**Application Notes:** RSP03 antibody can be used for detection of RSP03 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.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** RSP03 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:** -20 °C, 4 °C

**Storage Comment:** RSP03 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.