BOSTER BIOLOGICAL TECHNOLOGY
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Anti-R-spondin-3 RSPO3 Antibody

Catalog Number: A05387

About RSPO3

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).

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Overview

Product Name	Anti-R-spondin-3 RSPO3 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-R-spondin-3 RSPO3 Antibody (Catalog # A05387). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	RSPO3 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	RSPO3 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q9BXY4

Technical Details

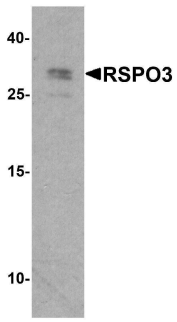
Immunogen	RSPO3 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human RSPO3. The immunogen is located within amino acids 200 - 250 of RSPO3.
Predicted Reactive Species	Bovine
Cross Reactivity	RSPO3 antibody is human and mouse reactive. At least three isoforms of RSPO3 are known to exist; this antibody will detect all three.

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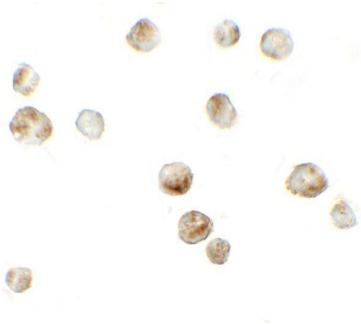
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	RSPO3 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	RSPO3 antibody can be used for detection of RSPO3 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/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. Optimal dilutions for each application should be determined by the researcher.

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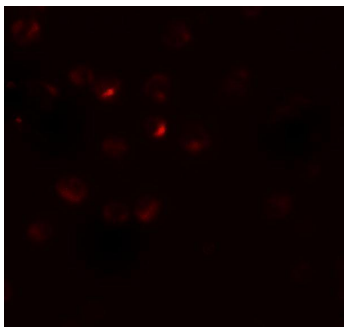
Anti-R-spondin-3 RSPO3 Antibody (A05387) Images



Western blot analysis of RSPO3 in 293 cell lysate with RSPO3 antibody at 1 ug/ml.



Immunocytochemistry of RSPO3 in 293 cells with RSPO3 antibody at 5 ug/mL.



Immunofluorescence of RSPO3 in 293 cells with RSPO3 antibody at 20 ug/mL.

Anti-R-spondin-3 RSPO3 Antibody

For Research Use Only. Not for use in diagnostic procedures.