

For Research Use Only

# RSPO2 Polyclonal antibody

Catalog Number: 17781-1-AP

Featured Product

8 Publications



## Basic Information

<b>Catalog Number:</b> 17781-1-AP	<b>GenBank Accession Number:</b> BC027938	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 260 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 340419	
<b>Source:</b> Rabbit	<b>Full Name:</b> R-spondin 2 homolog (Xenopus laevis)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 243 aa, 28 kDa	
<b>Immunogen Catalog Number:</b> AG11216	<b>Observed MW:</b> 33 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
IF, IHC, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, mouse, pig

## Background Information

RSPO2 is one of the R-spondins (RSPOs) which comprise a family of four secreted proteins that have important roles in cell proliferation, cell fate determination and organogenesis. RSPOs typically exert their effects by potentiating the Wnt/beta-catenin signaling pathway. Overexpression of Rspo2 is sufficient to promote bone morphogenetic protein-induced mineralization Rspo2 was identified as a novel common integration site (CIS) for the mouse mammary tumor virus (MMTV) in viral induced mouse mammary tumors.

## Notable Publications

Author	Pubmed ID	Journal	Application
Bhupesh Singla	32750106	Cardiovasc Res	WB,IF
Kazuya Shinmura	24847761	Mol Biol Rep	WB
Ahmed A Raslan	35328508	Int J Mol Sci	WB,IF

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data