

# Biotin-conjugated RSP02 Polyclonal antibody

Catalog Number: **Biotin-17781**

## Basic Information

<b>Catalog Number:</b> Biotin-17781	<b>GenBank Accession Number:</b> BC027938	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 340419	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6UXX9	
<b>Isotype:</b> IgG	<b>Full Name:</b> R-spondin 2 homolog (Xenopus laevis)	
<b>Immunogen Catalog Number:</b> AG11216	<b>Calculated MW:</b> 243 aa, 28 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

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

## Background Information

RSP02 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.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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