

For Research Use Only

# Biotin-conjugated RSP02 Polyclonal antibody



Catalog Number: **Biotin-17781**

## Basic Information

Catalog Number:

Biotin-17781

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11216

GenBank Accession Number:

BC027938

GeneID (NCBI):

340419

UNIPROT ID:

Q6UXX9

Full Name:

R-spondin 2 homolog (Xenopus laevis)

Calculated MW:

243 aa, 28 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

## 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

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## Selected Validation Data