

# 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

