

## RSPO2 蛋白抗体

产品货号： mlR18876

英文名称： RSPO2

中文名称： RSPO2 蛋白抗体

别 名： CRISTIN2; hRspo2; RSPO2\_HUMAN; R spondin 2; R spondin 2 homolog; R-spondin 2 homolog (Xenopus laevis); R-spondin family, member 2; Roof plate-specific spondin-2.

研究领域： 细胞生物 发育生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500

(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 26kDa

细胞定位： 分泌型蛋白

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

**免 疫 原：** KLH conjugated synthetic peptide derived from human RSPO2:22-100/243

**亚 型：** IgG

**纯化方法：** affinity purified by Protein A

**储 存 液：** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件：** Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed：** PubMed

**产品介绍：** R-spondins (RSPOs), such as RSPO2, are secreted proteins that regulate beta-catenin (CTNNB1; MIM 116806) signaling (Kim et al., 2006 [PubMed 16357527]).[supplied by OMIM, Mar 2008]

**Function:**

Activator of the canonical Wnt signaling pathway by acting as a ligand for LGR4-6 receptors. Upon binding to LGR4-6 (LGR4, LGR5 or LGR6), LGR4-6 associate with phosphorylated LRP6 and frizzled receptors that are activated by extracellular Wnt receptors, triggering the canonical Wnt signaling pathway to increase expression of target genes. Also regulates the canonical Wnt/beta-catenin-dependent pathway and non-canonical Wnt signaling by acting as an inhibitor of ZNRF3, an important regulator of the Wnt signaling pathway. Probably also acts as a ligand for frizzled and LRP receptors.

**Subunit:**

Interacts with WNT1. Binds heparin By similarity. Interacts with LGR4, LGR5 and LGR6.

**Subcellular Location:**

Secreted

**Similarity:**

Belongs to the R-spondin family.

Contains 1 FU (furin-like) repeat.

Contains 1 TSP type-1 domain.

**SWISS:**

Q6UXX9

**Gene ID:**

340419

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.