
RSPO1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254073

Unit: 0.1 mg

Description:

RSPO1 is a member of a family of secreted growth factors that can operate through the canonical Wnt signaling pathway by stabilizing the intracellular beta-catenin, thereby regulating functions mediated by beta-catenin such as cell fate decisions and embryonic patterning. RSPO1 was recently identified through linkage analysis to be involved in sex determination and mammalian ovarian development. RSPO1 is thought to regulate cellular responsiveness to Wnt ligands by modulating the cell-surface expression of the Wnt co-receptor LRP6 by interfering with the DKK/Kremen-mediated internalization of LRP6 through an interaction with Kremen, resulting in increased LRP6 cell-surface levels. At least two isoforms of RSPO1 are known to exist. RSPO1 antibody will not cross-react with RSPO family members.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: RSPO1; R-spondin1; RSPO; CRISTIN3

Accession No.: NP_001033722

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human RSPO1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.