

RSPO1 Antibody (C-Term)

Catalog_no :	AB3557
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This RSPO1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 206-240 amino acids from human RSPO1.
Dilution :	WB,1:2000;
Other_name :	R-spondin-1, Roof plate-specific spondin-1, hRspo1, RSPO1
Isotype :	Rabbit Ig
Background :	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. Acts as a ligand for frizzled FZD8 and LRP6. May negatively regulate the TGF-beta pathway. Has a essential roles in ovary determination.
reference :	Kim K.-A.,et al.Science 309:1256-1259(2005). Parma P.,et al.Nat. Genet. 38:1304-1309(2006). Ota T.,et al.Nat. Genet. 36:40-45(2004). Gregory S.G.,et al.Nature 441:315-321(2006). Hao H.X.,et al.Nature 485:195-200(2012).