



RSPO2 Polyclonal Antibody

Catalog No	YP-Ab-06979
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	RSPO2 UNQ9384/PRO34209
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RSPO2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	R-spondin-2;Roof plate-specific spondin-2;hRspo2;RSPO2;UNQ9384/PRO34209;RSPO2 UNQ9384/PRO34209;R-spondin-2 (Roof plate-specific spondin-2) (hRspo2)
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Secreted .
Tissue Specificity	Lung,Testis,
Function	domain:The FU repeat is required for activation and stabilization of beta-catenin., function:Activator of the beta-catenin signaling cascade, leading to TCF-dependent gene activation. Acts both in the canonical Wnt/beta-catenin-dependent pathway, possibly via a direct interaction with Wnt proteins, and in a Wnt-independent beta catenin pathway through a receptor signaling pathway that may not use frizzled/LRP receptors. Probably also acts as a ligand for frizzled and LRP receptors.,miscellaneous:Upon injection into mice, it induces rapid onset of crypt cell proliferation involving beta-catenin stabilization. It also displays efficacy in a model of chemotherapy-induced intestinal mucositis., similarity:Belongs to the R-spondin family.,similarity:Contains 1 FU (furin-like) repeat.,similarity:Contains 1 TSP type-1 domain.,subunit:Interacts with WNT1.



Binds heparin.,

Background

This gene encodes a member of the R-spondin family of proteins. These proteins are secreted ligands of leucine-rich repeat containing G protein-coupled receptors that enhance Wnt signaling through the inhibition of ubiquitin E3 ligases. A chromosomal translocation including this locus that results in the formation of a gene fusion has been identified in multiple human cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015],

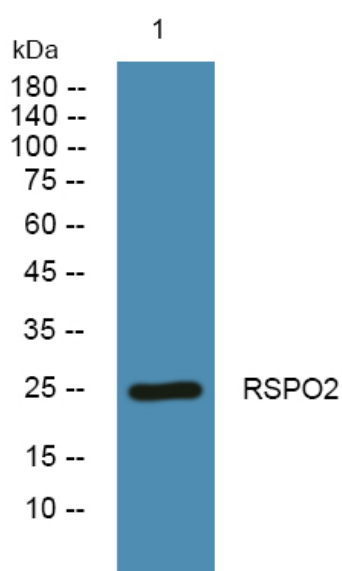
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night