

## anti- RSPO3 antibody

### Product Information

Catalog No.:	FNab07512
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Activator of the canonical Wnt signaling pathway by acting as a ligand for LGR4-6 receptors, which acts as a key regulator of angiogenesis. 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(PubMed:21727895, PubMed:21909076, PubMed:22615920). Acts as a key regulator of angiogenesis by controlling vascular stability and pruning: acts by activating the non-canonical Wnt signaling pathway in endothelial cells(By similarity).

### Immunogen information

Immunogen:	R-spondin 3 homolog
Synonyms:	CRISTIN1, hPWTSR, hRspo3, Protein with TSP type 1 repeat, PWTSR, R spondin 3, Roof plate specific spondin 3, RSPO3, THSD2
Observed MW:	40 kDa
Uniprot ID :	Q9BXY4

### Wuhan Fine Biotech Co., Ltd.

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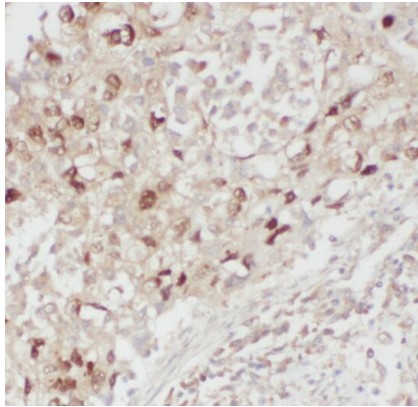
## Application

Reactivity: Human, Mouse, Rat

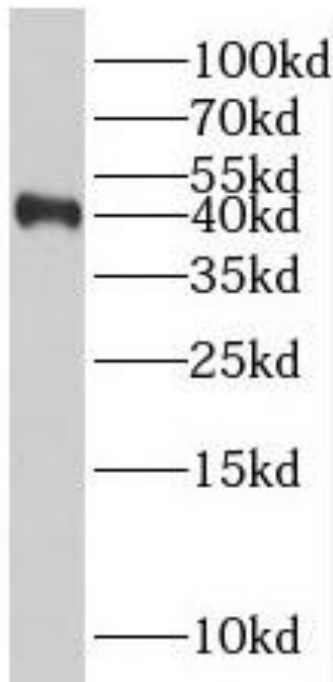
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:200-1:1000; IHC: 1:100-1:400

Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab07512(RSPO3 Antibody) at dilution of 1:200



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab07512(RSPO3 Antibody) at dilution of 1:300

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