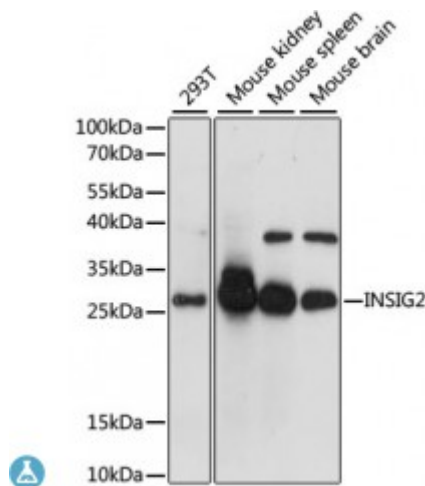


Anti-INSIG2 Antibody



Description

The protein encoded by this gene is highly similar to the protein product encoded by gene INSIG1. Both INSIG1 protein and this protein are endoplasmic reticulum proteins that block the processing of sterol regulatory element binding proteins (SREBPs) by binding to SREBP cleavage-activating protein (SCAP), and thus prevent SCAP from escorting SREBPs to the Golgi.

Model	STJ117794
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human INSIG2 (NP_057217.2).
Gene ID	51141
Gene Symbol	INSIG2
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Insulin-induced gene 2 protein INSIG-2
Molecular Weight	24.778 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:20452OMIM:608660Reactome:R-HSA-1655829
Alternative Names	Insulin-induced gene 2 protein INSIG-2
Function	Mediates feedback control of cholesterol synthesis by controlling SCAP and HMGCR, Functions by blocking the processing of sterol regulatory element-binding proteins (SREBPs), Capable of retaining the SCAP-SREBF2 complex in the ER thus preventing it from escorting SREBPs to the Golgi, Seems to regulate the ubiquitin-mediated proteasomal degradation of HMGCR,
Cellular Localization	Endoplasmic reticulum membrane

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