



INSIG1 rabbit pAb

□□	YP-Ab-17803
□□□	IgG
□□	INSIG1
□□□□	INSIG1
□□	WB
□□	Human;Mouse;Rat
□□□	Synthesized peptide derived from human INSIG1
□□□	This antibody detects endogenous levels of INSIG1 at Human, Mouse,Rat
□□	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
□□	Polyclonal, Rabbit,IgG
□□	WB 1:500-2000
□□□□	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
□□□	30 kDa
□□	Oxysterol-binding protein that mediates feedback control of cholesterol synthesis by controlling both endoplasmic reticulum to Golgi transport of SCAP and degradation of HMGCR . Acts as a negative regulator of cholesterol biosynthesis by mediating the retention of the SCAP-SREBP complex in the endoplasmic reticulum, thereby blocking the processing of sterol regulatory element-binding proteins (SREBPs) SREBF1/SREBP1 and SREBF2/SREBP2 . Binds oxysterol, including 25-hydroxycholesterol, regulating interaction with SCAP and retention of the SCAP-SREBP complex in the endoplasmic reticulum . In presence of oxysterol, interacts with SCAP, retaining the SCAP-SREBP complex in the endoplasmic reticulum, thereby preventing SCAP from escorting SREBF1/SREBP1 and SREBF2/SREBP2 to the Golgi . Sterol deprivation or phosphorylation by PCK1 reduce oxysterol-binding, disrupting the interaction between INS
□□□□	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
□□□□	Expressed in all tissues tested with highest expression in the liver.
□□	1 mg/ml
□□	-15°C to -25°C/1 year(Do not lower than -25°C)
□□□□□□	Avoid repeated freezing and thawing!

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

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