



INSIG1 rabbit pAb

货号	YP-Ab-17803
同位型	IgG
靶点	INSIG1
基因名称	INSIG1
应用	WB
种属	Human;Mouse;Rat
免疫原	Synthesized peptide derived from human INSIG1
特异性	This antibody detects endogenous levels of INSIG1 at Human, Mouse,Rat
组成	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
来源	Polyclonal, Rabbit,IgG
稀释	WB 1:500-2000
纯化工艺	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
分子量	30 kDa
功能	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
细胞定位	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
组织表达	Expressed in all tissues tested with highest expression in the liver.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!

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

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