

INSIG1 Rabbit pAb

货号: **B25439**

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	RT-PCR: Mus musculus WB: Mus musculus
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	17kDa/29kDa
实测分子量	36kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat brain
细胞定位	endoplasmic reticulum
纯化	Affinity purification

抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human INSI G1 (NP_005533.2).
序列	LWWTFD RSR SGLGLGITIAFLATLITQLVYNGVYQYTSPDFLYIRSWLPCIFFSGGVTVGNIGRQLAMGVPEKPHSD

靶点信息

研究背景	This gene encodes an endoplasmic reticulum membrane protein that regulates cholesterol metabolism, lipogenesis, and glucose homeostasis. The encoded protein has six transmembrane helices which contain an effector protein binding site. It binds the sterol-sensing domains of sterol regulatory element-binding protein (SREBP) cleavage-activating protein (SCAP) and 3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMG-CoA reductase), and is essential for the sterol-mediated trafficking of these two proteins. It promotes the endoplasmic reticulum retention of SCAP and the ubiquitin-mediated degradation of HMG-CoA reductase. Alternative splicing results in multiple transcript variants.
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基因ID	3638
基因名	INSIG1
Swiss	O15503
别名	INSIG1;CL6

产品验证

实验步骤

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