



INSIG1 rabbit pAb

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| 货号 | BYab-17803 |
| 同位型 | IgG |
| 靶点 | INSIG1 |
| 基因名称 | INSIG1 |
| 应用 | WB |
| 种属 | Human;Mouse;Rat |
| 蛋白名称 | Insulin-induced gene 1 protein (INSIG-1) |
| 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 | 30kD |
| 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) |

Nanjing BYabscience technology Co.,Ltd



有关注意事项

Avoid repeated freezing and thawing!

使用建议

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

Products Images