

GAPVD1 Rabbit pAb

货号: AYP20673

产品信息

反应	Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:100
理论分子量	165kDa
实测分子量	165kDa
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	mouse liver, mouse thymus
细胞定位	cytosol, endosome, plasma membrane
纯化	Affinity purification

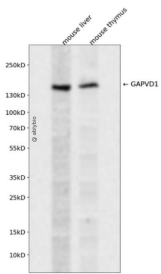
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human GAPVD 1 (NP_056450.2).
序列	MVKLDIHTLAHHLKQERLYVNSEKQLIQRLNADVLKTAEKLYRTAWIAKQQRINLDRLIITSAEASPAECCQHAKILEDQFV DGYKQLGFQETAYGFEFLSRLRENPRLIASSLVAGEKLNQENTQSVIYTVFTSLYGNICIMQEDES YLLQVLRYLIEFELKESDN PRRLRRGTCAFSILFKLFSEGLFSAKLFLTATLHEPIMQLLVEDEDHLETPNKLIERFSPSQEKLFGKEKGSDFRQKVQE MVESNEAKLVA

靶点信息

研究背景	Acts both as a GTPase-activating protein (GAP and a guanine nucleotide exchange factor (GEF, and participates in various processes such as endocytosis, insulin receptor internalization or LC2A4/GLUT4 trafficking. Acts as a GEF for the Ras-related protein RAB31 by exchanging bound GDP for free GTP, leading to regulate LC2A4/GLUT4 trafficking. In the absence of insulin, it maintains RAB31 in an active state and promotes a futile cycle between LC2A4/GLUT4 storage vesicles and early endosomes, retaining LC2A4/GLUT4 inside the cells. Upon insulin stimulation, it is translocated to the plasma membrane, releasing LC2A4/GLUT4 from intracellular storage vesicles. Also involved in EGFR trafficking and degradation, possibly by promoting EGFR ubiquitination and subsequent degradation by the proteasome. Has GEF activity for Rab5 and GAP activity for Ras.
基因ID	26130
基因名	GAPVD1
Swiss	Q14C86
别名	GAPVD1;GAPEX5;GAPex-5;RAP6

产品验证



Western blot analysis of GAPVD1 expressed in mouse liver, mouse thymus using GAPVD1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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