

GAD67/GAD1 Rabbit pAb

货号: AYP17419

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	25kDa/47kDa/66kDa
实测分子量	67KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,Mouse lung
细胞定位	axon terminus,cell cortex,cytoplasm,GABA-ergic synapse,inhibitory synapse,plasma membrane,presynaptic active zone
纯化	Affinity purification

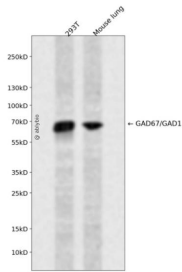
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human GAD67/GAD67/GAD1 (NP_000808.2).
序列	MASSTPSSSATSSNAGADPNTTTLRPTTYDTWCGVAHGCTRKLGLKICGFLQRTNSLEEKSRLVSAFKERQSSKNLLSCE NSDRDARFRRTETDFSNFLFARDLLPAKNGEEQTVQFLLEVVDILLNYVRKTFDRSTKVLDFFHHPHQLLEGMEGFNLELSDH PESLEQILVDCRDTLKYGVRTGHPFFNQLSTGLDIIGL

靶点信息

研究背景	This gene encodes one of several forms of glutamic acid decarboxylase, identified as a major autoantigen in insulin-dependent diabetes. The enzyme encoded is responsible for catalyzing the production of gamma a-aminobutyric acid from L-glutamic acid. A pathogenic role for this enzyme has been identified in the human pancreas since it has been identified as an autoantigen and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Deficiency in this enzyme has been shown to lead to pyridoxine dependency with seizures. Alternative splicing of this gene results in two products, the predominant 67-kD form and a less-frequent 25-kD form.
基因ID	2571
基因名	GAD1
Swiss	Q99259
别名	GAD1;CPSQ1;GAD;SCP

产品验证



Western blot analysis of GAD67/GAD1 expressed in 293T, Mouse lung using GAD67/GAD1 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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