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# GAD67 Rabbit mAb

货号: **AYM29660**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IP:</b> 1:20 - 1:50
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 0.75% BSA,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

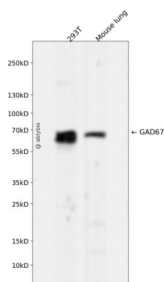
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human GAD67.
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## 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-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 ( <a href="https://www.uniprot.org/uniprotkb/Q99259/entry">https://www.uniprot.org/uniprotkb/Q99259/entry</a> )
别名	GAD67,GAD67 Rabbit mAb,GAD1,67 kDa glutamic acid decarboxylase,Glutamate decarboxylase 67 kDa isoform,GAD

## 产品验证



Western blot analysis of GAD67 expressed in 293T, Mouse lung using GAD67 Rabbit mAb 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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