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# GAD65/GAD2 Rabbit pAb

货号: **AYP14980**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mouse brain
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	65kDa
实测分子量	60KDa
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	U-87MG,Mouse brain,Rat brain
细胞定位	Cell junction,Cytoplasm,Cytoplasmic side,Cytoplasmic vesicle,Golgi apparatus membrane,Lipid-anchor,Peripheral membrane protein,cytosol,presynaptic cell membrane,synapse
纯化	Affinity purification

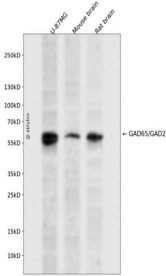
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 401-585 of human GAD 65/GAD2 (NP_001127838.1).
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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 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 autoantibody and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Alternative splicing results in multiple transcript variants that encode the same protein.
基因ID	2572
基因名	GAD2
Swiss	Q05329 ( <a href="https://www.uniprot.org/uniprotkb/Q05329/entry">https://www.uniprot.org/uniprotkb/Q05329/entry</a> )
别名	GAD2,GAD65,GAD65/GAD2 Rabbit pAb,65 kDa glutamic acid decarboxylase,Glutamate decarboxylase 65 kDa isoform

## 产品验证



Western blot analysis of GAD65/GAD2 expressed in U-87MG, Mouse brain, Rat brain using GAD65/GAD2 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: 120 S.

## 实验步骤

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