

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	WB: Mouse brain
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 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

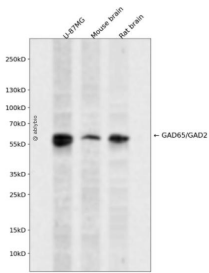
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 401-585 of human GAD 65/GAD2 (NP_001127838.1).
序列	PLQCSALLVREEGLMQNCNQMHASYLFQQDKHYDLSYDTGDKALQCGRHVDVFKLWLMWRAKGTTFGEAHVDKCLELAEYLYNIIKNREGYEMVFDGKPKQHTNVCFWYIPPSLRTLEDNEERMSRLSKVAPVIKARMMMEYGTMMVSYQPLGDKVNFFRMVISNPAATHQDIDFLIEEIERLGQDL

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
别名	GAD2;GAD65

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: 120s.

实验步骤

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