

产品名称: GAD-65/67 Rabbit Monoclonal Antibody
产品货号: AMRe20481



产品概述 (Summary)

产品名称 (Production Name)	GAD-65/67 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GAD1/GAD2
别名 (Alternative Names)	GAD1;GAD;GAD67;Glutamate decarboxylase 1;67 kDa glutamic acid decarboxylase;GAD-67;Glutamate decarboxylase 67 kDa isoform;65 kDa glutamic acid decarboxylase ;GAD2;GAD-65 ;Glutamate decarboxylase 65;GAD65 ;Glutamate decarboxylase 2
基因 ID (Gene ID)	2571/2572
蛋白 ID (SwissProt ID)	Q05329;Q99259;.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:10000-1:50000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
蛋白分子量 (Molecular Weight)	Calculated MW: 65 kDa, 67 kDa; Observed MW: 65 kDa, 67 kDa

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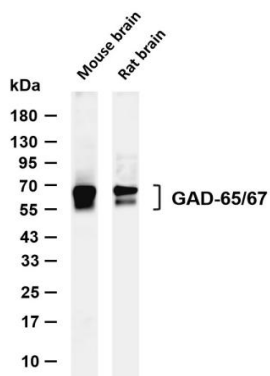


研究背景 (Background)

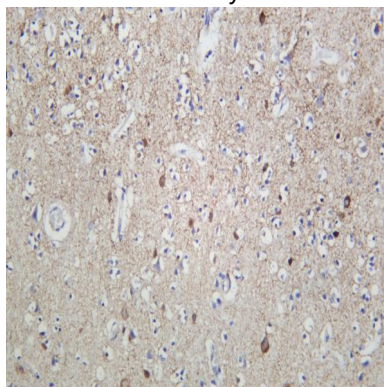
This gene encodes one of several forms of glutamic acid decarboxylase, identified as a major autoantigen in insulin-dependent diabetes. The enzyme encoded is responsible for catalyzing the production of gamma-aminobutyric acid from L-glutamic acid. A pathogenic role for this enzyme has been identified 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. [provided by RefSeq, Jul 2008]

研究领域 (Research Area)

图片 (Image Data)



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-GAD-65/67 antibody.



Human brain was stained with anti-GAD-65/67 Rabbit antibody

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注意事项 (Note)

For research use only .