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Anti-Human/Mouse GAD1/2 Polyclonal Antibody

多克隆抗体

产品货号: PA04115

第三版

描述: 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 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 of this gene results in two products, the predominant 67-kD form and a less-frequent 25-kD form. An important paralog of this gene is GAD2. GAD2 (Glutamate Decarboxylase 2) is a Protein Coding gene. Diseases associated with GAD2 include Stiff-Person Syndrome and Autoimmune Polyendocrine Syndrome, Type II. GO annotations related to this gene include protein heterodimerization activity and carboxy-lyase activity.

抗原: Synthesized peptide derived from the C-terminal region of human GAD-65/67

配方:

如何使用: 加1ml超纯水重溶

稳定性: -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

稀释液: PBS (pH7.4) , 1% BSA

应用: WB 1 ~ 5 μg/ml.

特异性: