

## 兔抗 GAD1 多克隆抗体

中文名称：兔抗 GAD1 多克隆抗体

英文名称：Anti-GAD1 rabbit polyclonal antibody

别 名：GAD; SCP; CPSQ1

相关类别：一抗

储 存：冷冻（-20℃）

宿 主：Rabbit

抗 原：GAD1

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### 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

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|------------------------------------|---|
|                                    | this gene results in two products, the predominant 67-kD form and a less-frequent 25-kD form. |
| <b>Applications:</b>               | ELISA, WB, IHC  |
| <b>Name of antibody:</b>           | GAD1  |
| <b>Immunogen:</b>                  | Synthetic peptide of humanGAD1  |
| <b>Full name:</b>                  | glutamate decarboxylase 1 (brain, 67kDa)  |
| <b>Synonyms :</b>                  | GAD; SCP; CPSQ1   |
| <b>SwissProt:</b>                  | Q99259  |
| <b>ELISA Recommended dilution:</b> | 1000-2000   |
| <b>IHC positive control:</b>       | Human breast cancer   |
| <b>IHC Recommend dilution:</b>     | 25-100  |
| <b>WB Predicted band size:</b>     | 67 kDa  |
| <b>WB Positive control:</b>        | Mouse brain tissue  |
| <b>WB Recommended dilution:</b>    | 200-1000  |



