

## 兔抗 GAD12 多克隆抗体

中文名称：兔抗 GAD1/2 多克隆抗体

英文名称： Anti-GAD1/2 rabbit polyclonal antibody

别名： GAD; SCP; CPSQ1/GAD65

相关类别： 一抗

储存： 冷冻（-20℃） 避光

抗原： GAD1/2

宿主： Rabbit

反应种属： Human Mouse

标记物： Unconjugate

克隆类型： Unconjugate

### 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 this gene results in two products, the predominant 67-kD form and a less-frequent 25-kD form.

<b>Applications:</b>	WB, IHC
<b>Name of antibody:</b>	GAD1/2
<b>Immunogen:</b>	Synthesized peptide derived from human GAD1/GAD2.
<b>Full name:</b>	glutamate decarboxylase 1 (brain, 67kDa)/2 (pancreatic islets and brain, 65kDa)
<b>Synonyms :</b>	GAD; SCP; CPSQ1/GAD65
<b>SwissProt:</b>	Q05329/Q05329
<b>IHC positive control:</b>	Human lung carcinoma tissue
<b>IHC Recommend dilution:</b>	50-100
<b>WB Predicted band size:</b>	65 kDa
<b>WB Positive control:</b>	Mouse brain tissue lysate
<b>WB Recommended dilution:</b>	500-3000



