

GAD67 Rabbit pAb

db1321

Package : 20μL 50μL 100μL

Product Name : GAD67 Rabbit pAb**Cat.No.:** db1321**Synonyms** : GAD; SCP; CPSQ1**Application** : WB, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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]

Immunogen

A synthetic peptide of human GAD67

Gene ID

2571

Swiss Prot

Q99259

Synonyms

GAD; SCP; CPSQ1

Reactivity

Human, Mouse, Rat

Application

WB, IP

Recommended dilution

WB: 1:2000

IP: 1:20

Calculated MW

67 kDa

Observed MW

67 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

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