GAD67 Rabbit pAb

db7892 **Package : 20μL 50μL 100μL**

Product Name : GAD67 Rabbit pAb
Cat.No.: db7892
Synonyms : GAD; SCP; CPSQ1
Application : WB, IHC, 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	Recombinant protein of human GAD67
Gene ID	2571
Swiss Prot	Q99259
Synonyms	GAD; SCP; CPSQ1
Reactivity	Human, Mouse, Rat
Application	WB, IHC, IP
Recommended dilution	WB: 1:1000 IHC: 1:100 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.