

Recombinant

DGRmAb®

GAD67 (DGR12432) Rabbit mAb (PBS Only)

db11089-PBS

Package : 100µg

Product Name : GAD67 (DGR12432) Rabbit mAb (PBS Only)**Cat.No.:** db11089-PBS**Synonyms :** GAD; SCP; CPSQ1**Application :** WB**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

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

67 kDa

Observed MW

67 kDa

Host species

Rabbit

Clonality

Monoclonal

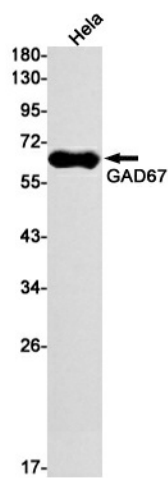
Clonality No.

DGR12432

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of GAD67 in HeLa cell lysates using [db11089](#)(1:1000 diluted).