

**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

**Calculated MW**

67 kDa

**Observed MW**

67 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12432

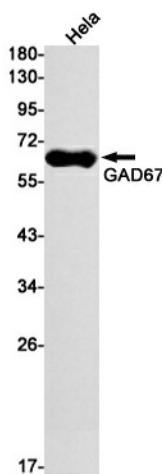
**Isotype**

IgG

**Purity**

Affinity Purification

<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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 GAD67 antibody(1:1000 diluted).