

Glutamate Decarboxylase 2 (GAD2) Antibody (Biotin)

Catalogue No.: abx319037

Glutamate Decarboxylase 2 (GAD2) Antibody (Biotin) is a Rabbit Polyclonal against Glutamate Decarboxylase 2 (GAD2) conjugated to Biotin. 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 autoantibody and an autoreactive T cell target in insulin-dependent diabetes. This gene may also play a role in the stiff man syndrome. Alternative splicing results in multiple transcript variants that encode the same protein.

Target:	Glutamate Decarboxylase 2 (GAD2)
Clonality:	Polyclonal
Reactivity:	Mouse
Tested Applications:	ELISA
Host:	Rabbit
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Biotin
Immunogen:	Recombinant mouse Glutamate decarboxylase 2 protein (1-585AA).
Isotype:	IgG
Form:	Liquid
Purity:	> 95%
Purification:	Purified by Protein G.
Storage:	Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P48320 (UniProt , ExPASy)
Gene Symbol:	GAD2
GeneID:	14417
KEGG:	mmu:14417

Datasheet

Version: 2.0.0

Revision date: 09 Jun 2025



Ensembl: ENSMUSG00000026787

String: [10090.ENSMUSP00000028123](#)

Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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