

Datasheet for ABIN7437155  
**anti-GAD antibody (AA 1-97)**

## 5 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	GAD (GAD1)
Binding Specificity:	AA 1-97
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Glutamate Decarboxylase 1, Brain (GAD1)
Immunogen:	Recombinant Glutamate Decarboxylase 1, Brain (GAD1) corresponding to Met1~Leu97 (Accession # P18088) with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GAD1. It has been selected for its ability to recognize GAD1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

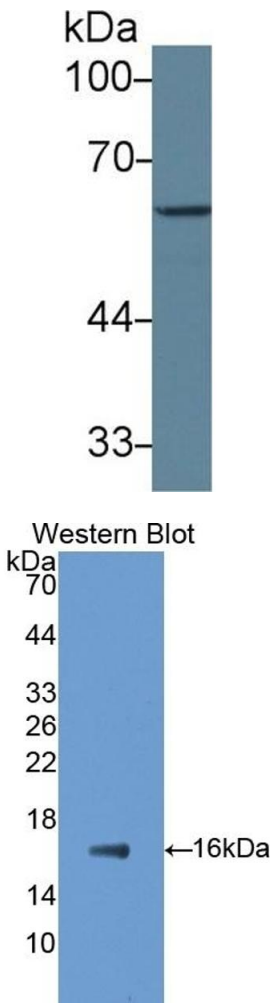
Target:	GAD (GAD1)
Alternative Name:	Glutamate Decarboxylase 1, Brain ( <a href="#">GAD1 Products</a> )
Background:	GAD67, SCP, 67 kDa glutamic acid decarboxylase, Glutamate decarboxylase 67 kDa isoform

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

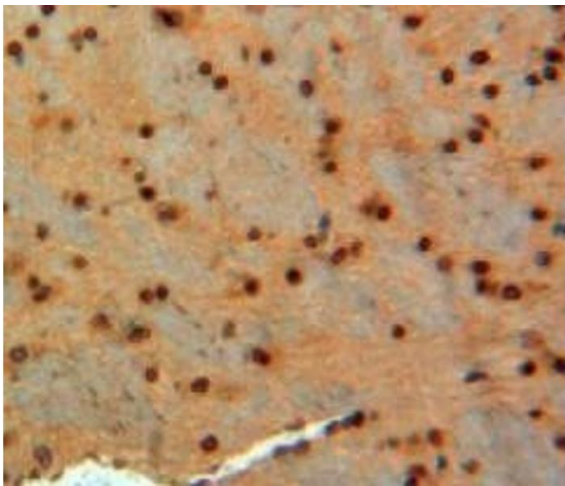


Western Blotting

**Image 1.** Detection of GAD1 in Mouse Cerebrum lysate using Polyclonal Antibody to Glutamate Decarboxylase 1, Brain (GAD1)

Western Blotting

**Image 2.** Detection of Recombinant GAD1, Rat using Polyclonal Antibody to Glutamate Decarboxylase 1, Brain (GAD1)



Immunohistochemistry

**Image 3.** #VALUE!

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7437155.