

Datasheet for ABIN4909815

**anti-GAD65 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	GAD65 (GAD2)
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GAD65 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This GAD2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 445-473 amino acids from human GAD2.
Clone:	8C4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	GAD65 (GAD2)
Alternative Name:	GAD2 ( <a href="#">GAD2 Products</a> )

## Target Details

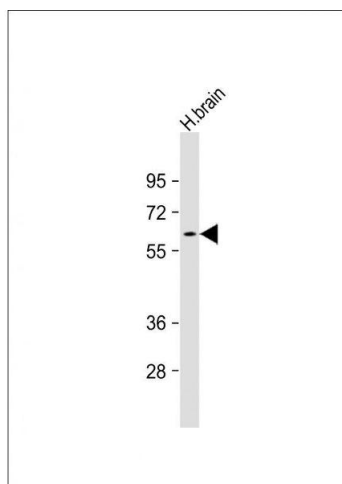
Background:	Synonyms: GAD65, Glutamate decarboxylase 2, 65 kDa glutamic acid decarboxylase, GAD-65, Glutamate decarboxylase 65 kDa isoform, GAD2 Background: Catalyzes the production of GABA.
Gene ID:	2572
UniProt:	<a href="#">Q05329</a>

## Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

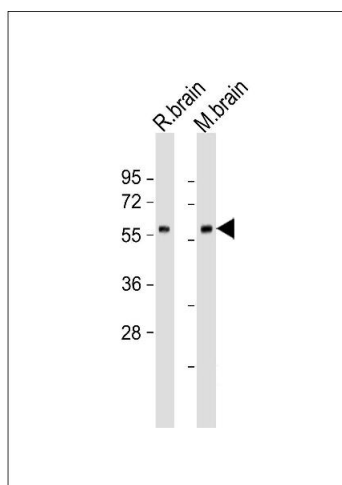
## Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



#### Western Blotting

**Image 1.** Human brain (20µg) probed with bsm-51143M GAD2 (458CT17.2.4) Monoclonal Antibody at 1:500 dilution and 4°C *overnight incubation, followed by secondary antibody incubation for 60min at room temperature.*



#### Western Blotting

**Image 2.** Lane 1: rat brain, Lane 2: mouse brain lysate probed with bsm-51143M GAD2 (458CT17.2.4) Monoclonal Antibody at 1:500 dilution and 4°C *overnight incubation, followed by secondary antibody incubation for 60min at room temperature.*