

Datasheet for ABIN185388
anti-GAD65 antibody (Internal Region)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	GAD65 (GAD2)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GAD65 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	GAD2 / GAD65
Immunogen:	C-TLEDNEERMSRLSK
Sequence:	TLEDNEERMS RLSK
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported variants.
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

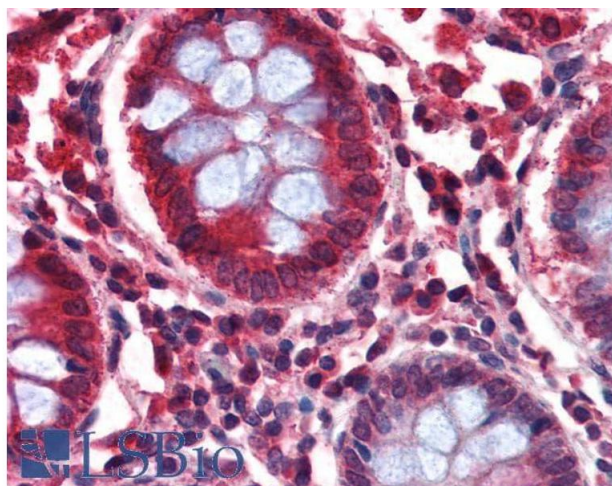
Target:	GAD65 (GAD2)
Alternative Name:	GAD2 (GAD2 Products)
Background:	GAD2, GAD65, glutamate decarboxylase 2 (pancreatic islets and brain, 65 kDa), Glutamate decarboxylase-2 (pancreas), glutamate decarboxylase 2 (pancreatic islets and brain, 65kD), RP11-420F12.2, MGC161605, MGC161607, Glutamate decarboxylase-2 (pancreas), gl
Gene ID:	2572
NCBI Accession:	NP_000809 , NP_001127838

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 6-8 µg/mL. Western Blot: Approx 65 kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 65.4 kDa according to NP_000809.1). Recommended concentration: 0.5-1.5 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN185388 (2.5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.

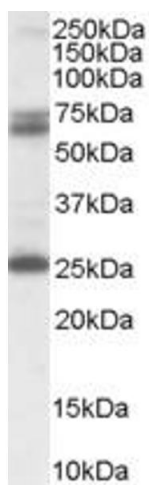
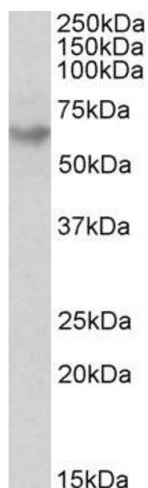


Image 2. ABIN185388 (0.1µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN185388 (0.5µg/ml) staining of Human Brain (Hippocampus) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN185388.