Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

## **GOAT ANTI-GAD2 / GAD65 ANTIBODY**

**SKU:** EB06730



## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 μg

Storage

Instructions

Aliquot and store at -20°C. Minimize freezing and thawing.

**Alias** 

ID

Synonym / Glutamate decarboxylase-2 (pancreas)|MGC161607|MGC161605|RP11-420F12.2|glutamate decarboxylase-2 (pancreatic islets and brain, 65kD)|Glutamate decarboxylase-2 (pancreas)|glutamate decarboxylase 2

**Names** 

(pancreatic islets and brain, 65kDa)|GAD65|GAD2

Accession

NP\_000809.1; NP\_001127838.1

**Blocking** 

**Peptide** 

EBP06730

**Immunogen** 

Peptide with sequence C-TLEDNEERMSRLSK, from the internal region of the protein sequence according to NP\_000809.1; NP\_001127838.1.

**Product** 

Comments

This antibody is expected to recognise both reported variants.

**Peptide** 

C-TLEDNEERMSRLSK **Sequence** 

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.





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**Shipping** Instructions

Refrigerated

**Predicted** 

Human, Mouse, Rat, Dog

**Species** Reactive

Human **Species** 

Human

2572

**Gene ID Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png Grade

IHC Results Paraffin embedded Human Brain (Cortex). Recommended concentration: 6-8µg/ml.

**ELISA** 

Detection Antibody detection limit dilution 1:32000.

Limit

**Type** 

Approx 65kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 65.4kDa according to Western

Blot NP\_000809.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.

**Application** Pep-ELISA, WB, IHC

## **GALLERY IMAGES**









250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

