

GAD67 Antibody

GAD1, glutamate decarboxylase 1 (brain, 67kDa), FLJ45882, GAD, SCP, OTTHUMP00000041055, glutamate decarboxylase 1, glutamate decarboxylase 1 (brain, 67kD), GAD67, GAD25

CATALOG NO.: 46-779

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

GAD67 Antibody. This antibody is expected to recognize isoform GAD67. There is no cross-reactivity expected with GAD2.

SOURCE:

GAD67 antibody was raised against a synthetic peptide of GAD67.

PROTEIN ACCESSION NUMBER(S) :

NP_000808.2

SPECIES REACTIVITY:

Human, Mouse, Rat, Dog, Pig

TESTED APPLICATION:

E, WB

APPLICATION:

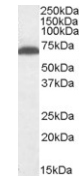
Peptide ELISA: antibody detection limit dilution 1:8,000.
Western Blot: Approx. 70kDa band observed in Human Brain (Cerebellum) and in Mouse and Rat Brain lysates (calculated MW of 66.9kDa according to Human NP_000808.2 and 66.6kDa according to Mouse NP_032103.2). Recommended concentration: 0.3-1µg/ml.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody, 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of GAD67 in Jurkat lysate (35µg protein in RIPA buffer) using GAD67 antibody (0.3µg/ml).

STORAGE:

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

REFERENCE:

Huang HS, Akbarian S. GAD1 mRNA expression and DNA methylation in prefrontal cortex of subjects with schizophrenia. PLoS ONE 2007 2 (8): e809.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.