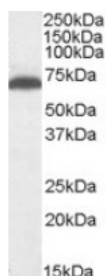




GAD67 Antibody

CATALOG NUMBER: 46-779



Western blot analysis of GAD67 in Jurkat lysate (35 ug protein in RIPA buffer) using GAD67 Antibody at 0.3 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:8,000. Western Blot: Approximately 70 kDa band observed in human cerebellum and in mouse and rat brain lysates (calculated MW of 66.9 kDa according to human NP_000808.2 and 66.6 kDa according to mouse NP_032103.2). Recommended concentration: 0.3-1 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1205 - Jurkat Cell Lysate
SPECIFICITY:	This antibody is expected to recognize isoform GAD67. There is no cross-reactivity expected with GAD2.
IMMUNOGEN:	GAD67 antibody was raised against a 12 amino acid synthetic peptide near the internal region of GAD67.
HOST SPECIES:	Goat

Properties

PURIFICATION:	GAD67 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	GAD67 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	GAD1, glutamate decarboxylase 1 (brain, 67 kDa), FLJ45882, GAD, SCP, OTTHUMP00000041055, glutamate decarboxylase 1, 67kD), GAD67, GAD25
ACCESSION NO.:	NP_000808.2
PROTEIN GI NO.:	58331246
OFFICIAL SYMBOL:	GAD1

GENE ID: 2571

Background

REFERENCES: 1) Huang HS, Akbarian S. GAD1 mRNA expression and DNA methylation in prefrontal cortex of subjects with schizophrenia. PLoS ONE 2007 2 (8): e809.

FOR RESEARCH USE ONLY

December 13, 2016