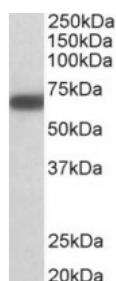




GAD1 Antibody

CATALOG NUMBER: 42-864



Western Blot (1ug/ml) staining of Mouse Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:8000. Western Blot: Approx 70kDa band observed in Mouse Brain lysates (calculated MW of 66.6kDa according to Mouse NP_032103.2). Recommended concentration: 1-3ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1403 - Mouse Brain Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_038473.2; NP_000808.2).
IMMUNOGEN:	GAD1 antibody was raised against an 11 amino acid synthetic peptide near the internal region of GAD1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	GAD1 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, SCP, OTTHUMP00000204995, OTTHUMP00000204994, OTTHUMP00000204993, OTTHUMP00000204990, glutamate decarboxylase 67 kDa isoform, glutamate decarboxylase 1 (brain, 67kDa), glutamate decarboxylase 1, GAD-67, GAD, FLJ45882, 67 kDa glutamic acid decarboxylase, GAD67
ACCESSION NO.:	NP_038473.2, NP_000808.2
PROTEIN GI NO.:	15451889

OFFICIAL SYMBOL: GAD1

GENE ID: 2571

Background

FOR RESEARCH USE ONLY

December 13, 2016