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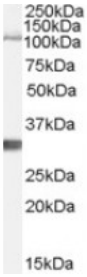
ProSci Incorporated
12170 Flint Place
Poway, CA 92064

Toll Free: +1 (888) 513 9525
Local: +1 (858) 513 2638
Fax: +1 (858) 513 2692

techsupport@prosci-inc.com

Ide Antibody

CATALOG NUMBER: 45-760



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, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 110kDa band observed in Mouse Brain and Rat Brain lysates (calculated MW of 118kDa according to NP_112419.2). Recommended concentration: 1-3ug/ml. An additional band of unknown identity was also consistently observed at 30kDa. This
POSITIVE CONTROL:	1) Cat. No. 1403 - Mouse Brain Tissue Lysate
IMMUNOGEN:	Ide antibody was raised against an 11 amino acid synthetic peptide near the internal region of Ide.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Ide antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Ide 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:	Ide, insulin-degrading enzyme, 1300012G03Rik, 4833415K22Rik, AA675336, AI507533, INSULYSIN, insulinase, insulysin
ACCESSION NO.:	NP_112419.2
PROTEIN GI NO.:	121583922
OFFICIAL SYMBOL:	Ide

GENE ID:	15925 (mouse); 25700 (rat);

Background

REFERENCES:	1) Zhao Z, Xiang Z, Haroutunian V, Buxbaum JD, Stetka B, Pasinetti GM. Insulin degrading enzyme activity selectively decreases in the hippocampal formation of cases at high risk to develop Alzheimer's disease. Neurobiol Aging. 2007 Jun;28(6):824-30. Epub 2006 Jun 12.

FOR RESEARCH USE ONLY

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