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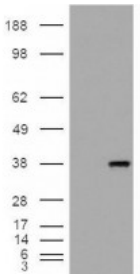
ProSci Incorporated
12170 Flint Place
Poway, CA 92064

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

techsupport@prosci-inc.com

Monoglyceride Lipase Antibody

CATALOG NUMBER: 45-896



HEK293 overexpressing MGLL and probed with antibody (mock transfection in first lane).

Western Blot (0.5ug/ml) staining of Mouse Adipose lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:	Mouse
TESTED APPLICATIONS:	WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:64000. Western Blot: Approx. 30kDa band observed in Human and Mouse Adipose lysates (calculated MW of 33.3kDa according to NP_001003794.1). In transfected HEK293 transiently expressing MGLL a band of approx. 36kDa is observed. This band is not observed in the
POSITIVE CONTROL:	1) Cat. No. XBL-11048 - Human Adipose Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_009214.1; NP_001003794.1).
IMMUNOGEN:	Monoglyceride Lipase antibody was raised against a 13 amino acid synthetic peptide near the internal region (near N-Terminus) of Monoglyceride Lipase.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Monoglyceride Lipase antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Monoglyceride Lipase 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:	MGLL, monoglyceride lipase, HU-K5, MGL, lysophospholipase-like, HUK5, MAGL
ACCESSION NO.:	NP_009214.1, NP_001003794.1
PROTEIN GI NO.:	6005786

OFFICIAL SYMBOL:	MGLL
GENE ID:	11343

Background

REFERENCES:	1) Blankman JL, Simon GM, Cravatt BF. A comprehensive profile of brain enzymes that hydrolyze the endocannabinoid 2-arachidonoylglycerol. Chem Biol. 2007 Dec;14(12):1347-56

FOR RESEARCH USE ONLY

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