

Anti-Monoacylglycerol Lipase Rabbit Monoclonal Antibody Catalog # ABO16021

Specification

Anti-Monoacylglycerol Lipase Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	Q99685
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-Monoacylglycerol Lipase Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-Monoacylglycerol Lipase Rabbit Monoclonal Antibody - Additional Information

Gene ID 11343

Other Names

Monoglyceride lipase, MGL {ECO:0000312|HGNC:HGNC:17038}, 3.1.1.23, HU-K5, Lysophospholipase homolog, Lysophospholipase-like, Monoacylglycerol lipase, MAGL, MGLL (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=17038)

Calculated MW

33 kDa KDa

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Monoacylglycerol Lipase

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Monoacylglycerol Lipase Rabbit Monoclonal Antibody - Protein Information

Name MGLL ([HGNC:17038](#))

Function

Converts monoacylglycerides to free fatty acids and glycerol (PubMed:[19029917](http://www.uniprot.org/citations/19029917), PubMed:[20079333](http://www.uniprot.org/citations/20079333), PubMed:[21049984](http://www.uniprot.org/citations/21049984), PubMed:[22969151](http://www.uniprot.org/citations/22969151), PubMed:[24368842](http://www.uniprot.org/citations/24368842)). Hydrolyzes the endocannabinoid 2- arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociperception and perception of pain (PubMed:[19029917](http://www.uniprot.org/citations/19029917), PubMed:[20079333](http://www.uniprot.org/citations/20079333), PubMed:[21049984](http://www.uniprot.org/citations/21049984), PubMed:[22969151](http://www.uniprot.org/citations/22969151), PubMed:[24368842](http://www.uniprot.org/citations/24368842)). Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth (PubMed:[20079333](http://www.uniprot.org/citations/20079333)).

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:O35678}. Membrane {ECO:0000250|UniProtKB:O35678}; Peripheral membrane protein {ECO:0000250|UniProtKB:O35678}

Tissue Location

Detected in adipose tissue, lung, liver, kidney, brain and heart.

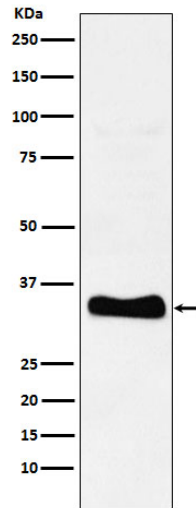
Anti-Monoacylglycerol Lipase Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Monoacylglycerol Lipase Rabbit Monoclonal Antibody - Images





Western blot analysis of Monoacylglycerol Lipase expression in human heart lysate.