

Monoacylglycerol Lipase Antibody
Rabbit mAb
Catalog # AP92604

Specification

Monoacylglycerol Lipase Antibody - Product Information

Application	WB
Primary Accession	Q99685
Clonality	Monoclonal
Other Names	
HUK5; Lysophospholipase homolog; Lysophospholipase like; MAGL; MGL; MGLL; Monoacylglycerol lipase;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	33261 Da

Monoacylglycerol Lipase Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Monoacylglycerol Lipase
Description	Converts monoacylglycerides to free fatty acids and glycerol. Hydrolyzes the endocannabinoid 2-arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociperception and perception of pain (By similarity).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Monoacylglycerol Lipase 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)).

<http://www.uniprot.org/citations/20079333> target="_blank">20079333, PubMed:21049984, PubMed:22969151, PubMed:24368842). Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth (PubMed:20079333).

Cellular Location

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

Tissue Location

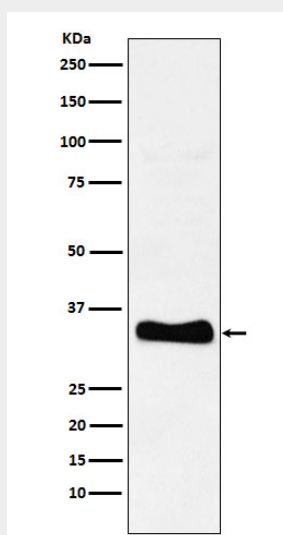
Detected in adipose tissue, lung, liver, kidney, brain and heart.

Monoacylglycerol Lipase 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](#)

Monoacylglycerol Lipase Antibody - Images



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