10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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, PubMed:20079333, PubMed:21049984, PubMed:22969151, PubMed:24368842). Hydrolyzes the endocannabinoid 2- arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociperception and perception of pain (PubMed:19029917, PubMed:<a

href="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}

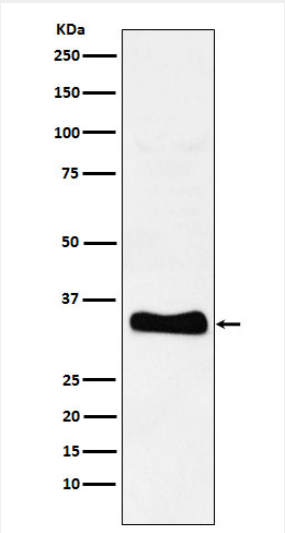
Tissue Location
Detected in adipose tissue, lung, liver, kidney, brain and heart.

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 Cytomety
- Cell Culture

Monoacylglycerol Lipase Antibody - Images



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