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Anti-Monoacylglycerol Lipase Rabbit Monoclonal Antibody

Catalog # ABO16021

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.

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 (HGNC:17038)
Calculated MW	33261
Application Details	WB 1:500-1:2000
Source	Eukaryota
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.
Clone Names	Clone: 26M00
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.

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: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).

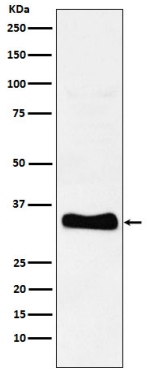
Cellular Location

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.