

MGLL / Monoacylglycerol Lipase Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS13359**Specification**

MGLL / Monoacylglycerol Lipase Antibody (Internal) - Product Information

Application	WB, IHC
Primary Accession	Q99685
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey
Host	Goat
Clonality	Polyclonal
Calculated MW	33kDa kDa

MGLL / Monoacylglycerol Lipase Antibody (Internal) - Additional Information**Gene ID** 11343**Other Names**

Monoglyceride lipase, MGL, 3.1.1.23, HU-K5, Lysophospholipase homolog, Lysophospholipase-like, Monoacylglycerol lipase, MAGL, MGLL

Target/Specificity

Human MGLL. This antibody is expected to recognize both reported isoforms (NP_009214.1; NP_001003794.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

MGLL / Monoacylglycerol Lipase Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

MGLL / Monoacylglycerol Lipase Antibody (Internal) - 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, nociception and perception of pain (PubMed:[19029917](http://www.uniprot.org/citations/19029917), PubMed:[20079333](http://www.uniprot.org/citations/20079333), PubMed:[20079333](http://www.uniprot.org/citations/20079333)).

href="http://www.uniprot.org/citations/21049984" target="_blank">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

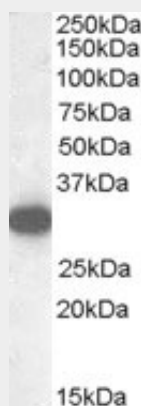
Detected in adipose tissue, lung, liver, kidney, brain and heart.

MGLL / Monoacylglycerol Lipase Antibody (Internal) - Protocols

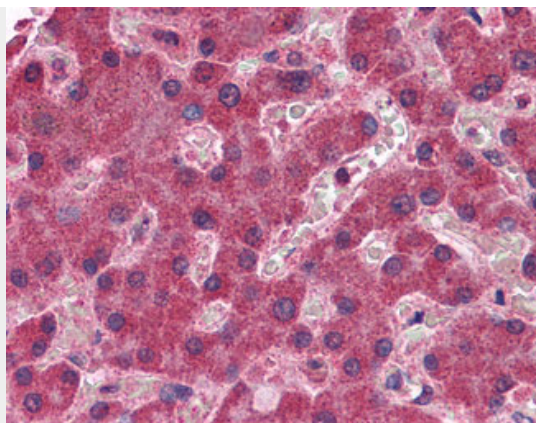
Provided below are standard protocols that you may find useful for product applications.

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

MGLL / Monoacylglycerol Lipase Antibody (Internal) - Images



Antibody (0.5 ug/ml) staining of Human Adipose lysate (35 ug protein in RIPA buffer).



Anti-MGLL antibody IHC of human liver.

MGLL / Monoacylglycerol Lipase Antibody (Internal) - Background

Converts monoacylglycerides to free fatty acids and glycerol. Hydrolyzes the endocannabinoid 2-arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociception and perception of pain (By similarity). Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth.

MGLL / Monoacylglycerol Lipase Antibody (Internal) - References

- Wall E.M.,et al.Virus Res. 52:157-167(1997).
Karlsson M.,et al.Gene 272:11-18(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Muzny D.M.,et al.Nature 440:1194-1198(2006).