

MgII Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13402**Specification**

MgII Antibody - middle region - Product Information

Application	WB
Primary Accession	Q8R431
Other Accession	NM_138502 , NP_612511
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33kDa KDa

MgII Antibody - middle region - Additional Information**Gene ID** 29254

Alias Symbol	MAGL
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Other Names
Monoglyceride lipase, MGL, 3.1.1.23, Monoacylglycerol lipase, MAGL, MgII, Mgl2

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-MgII antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

MgII Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

MgII Antibody - middle region - Protein Information**Name** MglI {ECO:0000312|RGD:71039}**Synonyms** Mgl2**Function**

Converts monoacylglycerides to free fatty acids and glycerol (PubMed:12136125). Hydrolyzes the endocannabinoid 2- arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociception and perception of pain (PubMed:12136125, PubMed:12136125).

[17649977](http://www.uniprot.org/citations/17649977)). Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth (By similarity).

Cellular Location

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

Tissue Location

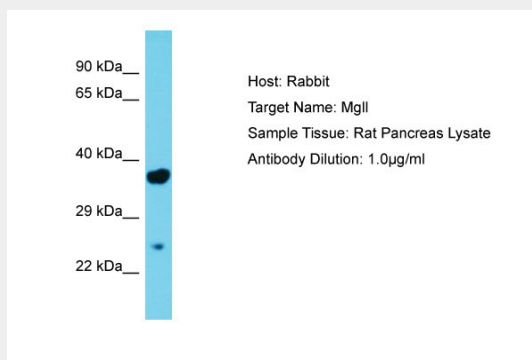
Ubiquitous. Highly expressed in adipose tissue, adrenal gland, ovary, heart, spleen, lung, skeletal muscle, kidney and testis. Highly expressed throughout the brain

MgII Antibody - middle region - 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](#)

MgII Antibody - middle region - Images



Host: Rabbit
Target Name: MgII
Sample Tissue: Rat Pancreas lysates
Antibody Dilution: 1.0µg/ml

MgII Antibody - middle region - References

Dinh T.P., et al. Proc. Natl. Acad. Sci. U.S.A. 99:10819-10824(2002).
Karlsson M., et al. J. Biol. Chem. 272:27218-27223(1997).
Lubec G., et al. Submitted (DEC-2006) to UniProtKB.