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Mgll Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13402

Product Information

Application	WB
Primary Accession	Q8R431
Other Accession	NM_138502, NP_612511
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33500

Additional Information

Gene ID	29254
Alias Symbol	MAGL
Other Names	Monoglyceride lipase, MGL, 3.1.1.23, Monoacylglycerol lipase, MAGL, Mgll, Mgl2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-Mgll 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	Mgll Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

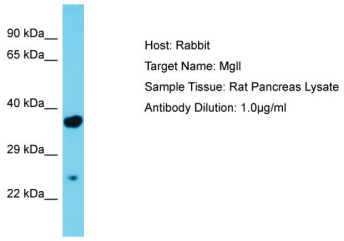
Name	Mgll {ECO:0000312|RGD:71039}
Synonyms	Mgl2
Function	Converts monoacylglycerides to free fatty acids and glycerol (PubMed:12136125). Hydrolyzes the endocannabinoid 2-arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociperception and perception of pain (PubMed:12136125, PubMed: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

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.

Images



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

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