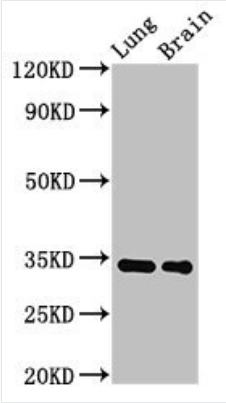
MGLL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Mgll, Polyclonal Antibody
Full Product Name	Mgll Antibody
Product Gene Name	anti-Mgll antibody
Product Synonym Names	Monoglyceride lipase; MGL; MAGL
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Rat, Mouse
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: Mgll (MBS7103813) HRP Conjugated Antibody: Mgll (MBS7103814)
Matching Pairs	Unconjugated Antibody: Mgll (MBS7103813) FITC Conjugated Antibody: Mgll (MBS7103815)
Matching Pairs	Unconjugated Antibody: Mgll (MBS7103813) Biotin Conjugated Antibody: Mgll (MBS7103816)
Molecular Weight	33,500 Da
3D Structure	ModBase 3D Structure for Q8R431
Immunogen	Recombinant Rat Monoglyceride lipase protein (1-303AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-Mgll antibody	Neuroscience; Cancer; Cardiovascular; Metabolism; Signal transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Mgll antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-Mgll antibody	WB: 1:500-1:5000
Related Product Information for anti-Mgll antibody	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. Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth.
Other Notes	Small volumes of anti-Mgll antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for Mgll purchase	MBS7103813 is an antibody targeting Mgll. Also known as Mgll Antibody. Reactive in Rat, Mouse. Host: Rabbit.



Western Blot (WB) of anti-Mgll antibody
Western BlotPositive WB detected in: Rat lung tissue, Mouse brain tissueAll lanes: Mgll antibody at 2.8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 34, 32 KDaObserved band size: 34 KDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Mgll. It may not necessarily be applicable to this product.

NCBI GI #	19923092
NCBI GeneID	29254
NCBI Accession #	NP_612511.1
UniProt Primary Accession #	Q8R431
UniProt Secondary Accession #	Q32PZ2
UniProt Related Accession #	Q8R431
GenBank Nucleotide #	NM_138502.2
NCBI Official Full Name	monoglyceride lipase
NCBI Official Synonym Full Names	monoglyceride lipase
NCBI Official Symbol	Mgll
NCBI Official Synonym Symbols	MAGL
UniProt Protein Name	Monoglyceride lipase
UniProt Synonym Protein Names	Monoacylglycerol lipase; MAGL
Protein Family	Monoglyceride lipase
UniProt Gene Name	Mgll
UniProt Synonym Gene Names	MGL; MAGL
NCBI Protein Information	monoglyceride lipase
NCBI Summary for Mgll	serine hydrolase that converts monoglycerides to fatty acid and glycerol; may play a role in retrograde signaling at central synapses and other forms of short-range neuronal communication [RGD, Feb 2006]
Research Articles on Mgll	**1.** MGL has an important role in insulin secretion

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