ARG64655
anti-Monoglyceride Lipase antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Monoglyceride Lipase
Tested Reactivity	Hu, Ms
Predict Reactivity	Cow, Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_009214.1; NP_001003794.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Monoglyceride Lipase
Species	Human
Immunogen	C-QDLPHLVNADGQY
Conjugation	Un-conjugated
Alternate Names	Lysophospholipase-like; Monoacylglycerol lipase; EC 3.1.1.23; HUK5; Lysophospholipase homolog; MAGL; HU-K5; Monoglyceride lipase; MGL

Application Instructions

Application table

Application	Dilution
IHC-P	5 µg/ml
WB	0.5 - 1.5 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

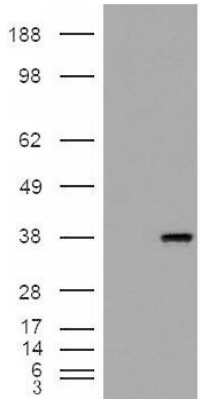
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

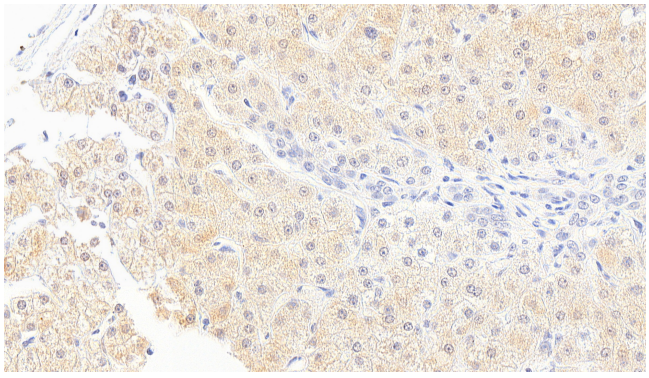
Database links	GeneID: 11343 Human GeneID: 23945 Mouse Swiss-port # O35678 Mouse Swiss-port # Q99685 Human
Background	This gene encodes a serine hydrolase of the AB hydrolase superfamily that catalyzes the conversion of monoacylglycerides to free fatty acids and glycerol. The encoded protein plays a critical role in several physiological processes including pain and nociperception through hydrolysis of the endocannabinoid 2-arachidonoylglycerol. Expression of this gene may play a role in cancer tumorigenesis and metastasis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	33 kDa

Images



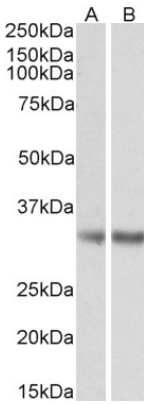
ARG64655 anti-Monoglyceride Lipase antibody WB image

Western Blot: 1). Mock transfection; 2) MGLL (RC218358) expressing plasmid transfected HEK293 cell lysate standed with ARG64655 anti-Monoglyceride Lipase antibody



ARG64655 anti-Monoglyceride Lipase antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG64655 anti-Monoglyceride Lipase antibody at 5 µg/ml dilution followed by HRP-staining.



ARG64655 anti-Monoglyceride Lipase antibody WB image

Western blot: 35 µg of Human frontal cortex (A) and Mouse adipose (B) lysates (in RIPA buffer) stained with ARG64655 anti-Monoglyceride Lipase antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.