

Product datasheet for **TA302540**

Monoacylglycerol Lipase (MGLL) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:32,000. WB: 0.5-1.5µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Pig, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-QDLPHLVNADGQY, from the internal region (near N-Terminus) of the protein sequence according to NP_009214.1; NP_001003794.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	37917 Da
Gene Name:	monoglyceride lipase
Database Link:	NP_009214 Entrez Gene 23945 Mouse Entrez Gene 29254 Rat Entrez Gene 476511 Dog Entrez Gene 11343 Human Q99685



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Background:

Monoglyceride lipase (MGLL; EC 3.1.1.23) functions together with hormone-sensitive lipase (LIPE; MIM 151750) to hydrolyze intracellular triglyceride stores in adipocytes and other cells to fatty acids and glycerol. MGLL may also complement lipoprotein lipase (LPL; MIM 238600) in completing hydrolysis of monoglycerides resulting from degradation of lipoprotein triglycerides (Karlsson et al., 2001 [PubMed 11470505]). [supplied by OMIM]

Synonyms:

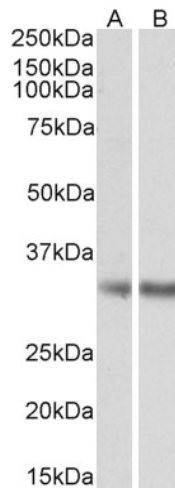
HU-K5; HUK5; MAGL; MGL

Protein Families:

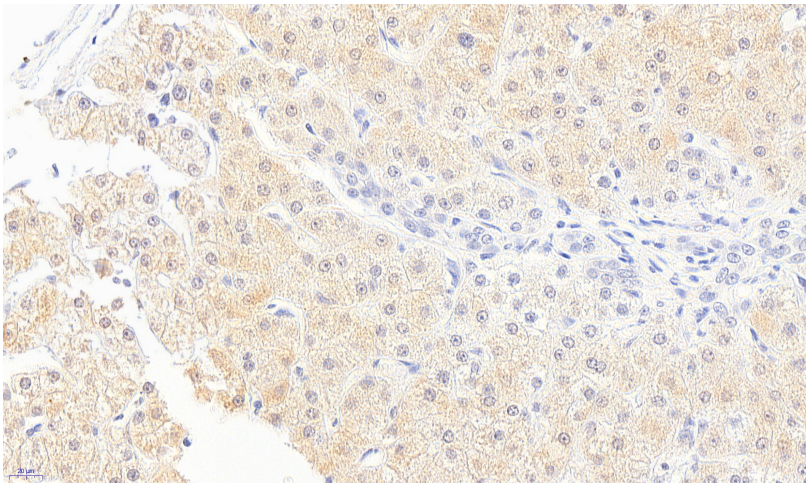
Druggable Genome, Protease

Protein Pathways:

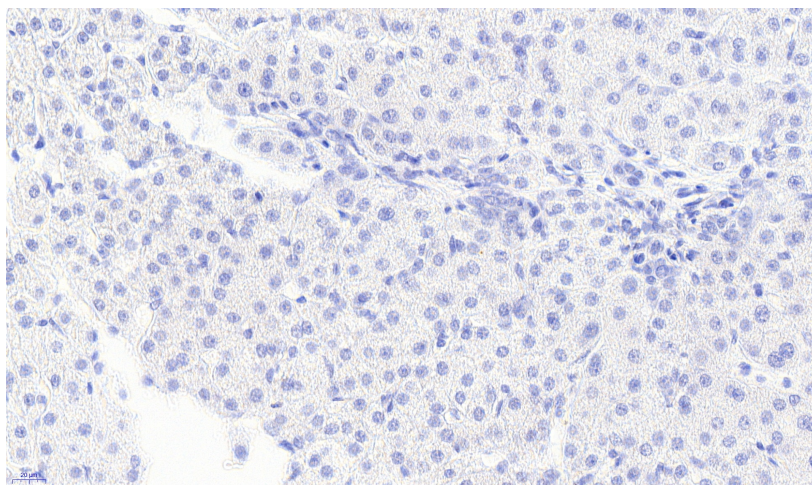
Glycerolipid metabolism, Metabolic pathways

Product images:


TA302540 (0.5ug/ml) staining of Human Frontal Cortex (A) and Mouse Adipose (B) lysates (35ug protein in RIPA buffer). Detected by chemiluminescence.



TA302540 (5ug/ml) staining of paraffin embedded Human Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



TA302540 Negative Control showing staining of paraffin embedded Human Liver, with no primary antibody.