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Product datasheet for AP52492PU-N

LIPC (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	**ELISA:** 1/1000. **Western Blot:** 1/100-1/500. **Flow Cytometry:** 1/10-1/50. **Immunohistochemistry on Paraffin Sections:** 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 310-338 amino acids from the Central region of Human LIPC / Hepatic lipase
Specificity:	This antibody recognizes Human LIPC / Hepatic lipase (Center).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	lipase C, hepatic type
Database Link:	Entrez Gene 3990 Human P11150
Background:	LIPC encodes hepatic triglyceride lipase, which is expressed in liver. LIPC has the dual functions of triglyceride hydrolase and ligand/bridging factor for receptor-mediated lipoprotein uptake.

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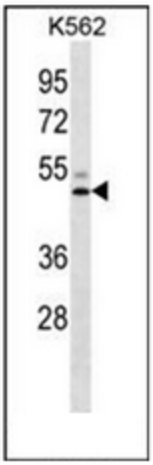
Synonyms: Hepatic triacylglycerol lipase, HL, HTGL

Note: **Molecular Weight:** 55880 Da

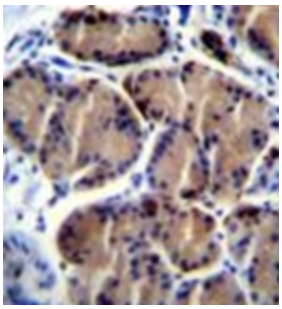
Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Glycerolipid metabolism, Metabolic pathways

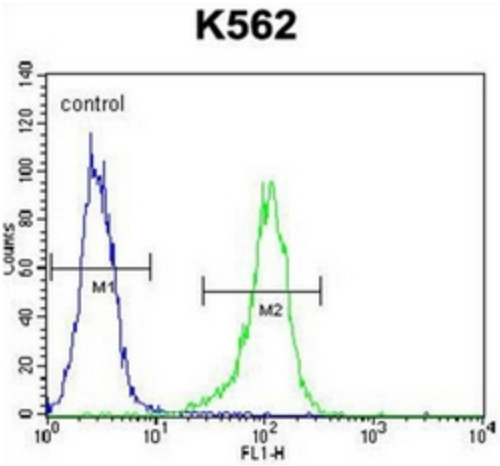
Product images:



Western blot analysis of LIPC / Hepatic lipase (Center) in K562 cell line lysates (35ug/lane). This demonstrates the LIPC antibody detected the LIPC protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue reacted with LIPC / Hepatic lipase (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Flow cytometric analysis of K562 cells using LIPC / Hepatic lipase (Center) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.