

**Product Name: Adipose Triglyceride Lipase Rabbit
Monoclonal Antibody
Catalog #: AMRe01613**

Summary

Production Name	Adipose Triglyceride Lipase Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PNPLA2
Alternative Names	ATGL; Desnutrin; plpl; plpl2; Pnpla2; TTS 2.2; TTS2; TTS2.2; ZETA
Gene ID	57104
SwissProt ID	Q96AD5

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20
Molecular Weight	Calculated MW: 55 kDa; Observed MW: 55 kDa

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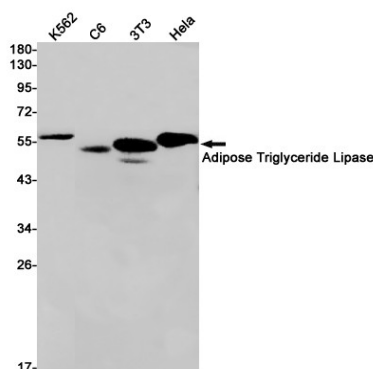
Background

Catalyzes the initial step in triglyceride hydrolysis in adipocyte and non-adipocyte lipid droplets. Also has acylglycerol transacylase activity. May act coordinately with LIPE/HLS within the lipolytic cascade. Regulates adiposome size and may be involved in the degradation of adiposomes.

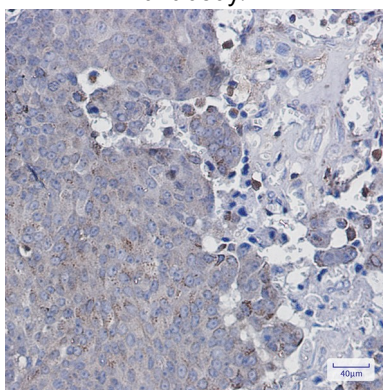
Research Area

Cardiovascular

Image Data



Western blot analysis of Adipose Triglyceride Lipase in K562, C6, 3T3, HeLa lysates using Adipose Triglyceride Lipase antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Adipose Triglyceride Lipase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.