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**Product Name: Adipose Triglyceride Lipase Rabbit Monoclonal Antibody****Catalog #: AMRe85259**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 55 kDa; Observed MW: 55 kDa

**Antigen Information**

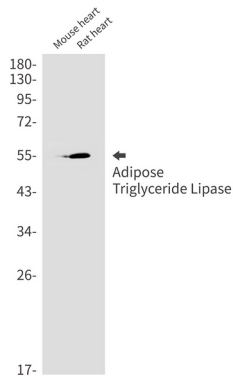
<b>Gene Name</b>	Adipose Triglyceride Lipase
<b>Alternative Names</b>	ATGL; Desnutrin; plpl; plpl2; Pnpla2; TTS 2.2; TTS2; TTS2.2; ZETA
<b>Gene ID</b>	57104.0
<b>SwissProt ID</b>	Q96AD5
<b>Immunogen</b>	A synthetic peptide of human Adipose Triglyceride Lipase

**Background**

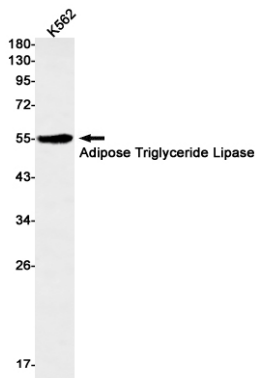
Catalyzes the initial step in triglyceride hydrolysis in adipocyte and non-adipocyte lipid droplets. Also has acylglycerol transacylase activity. May act coordinately with LIPE/HLS within the lipolytic cascade. Regulates adiposome size and may be involved in the degradation of adiposomes.

## Research Area

## Image Data



Western blot analysis of Adipose Triglyceride Lipase in mouse heart, rat heart lysates using Adipose Triglyceride Lipase antibody.



Western blot analysis of Adipose Triglyceride Lipase in K562 lysates using Adipose Triglyceride Lipase antibody.