

---

**Product Name: Adipose Triglyceride Lipase Rabbit Monoclonal Antibody****Catalog #: AMRe01614**

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>	0.63mg/ml. The concentration of this product may be batch-dependent.
<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>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<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>	PNPLA2
<b>Alternative Names</b>	ATGL; Desnutrin; plpl; plpl2; Pnpla2; TTS 2.2; TTS2; TTS2.2; ZETA
<b>Gene ID</b>	57104
<b>SwissProt ID</b>	Q96AD5
<b>Immunogen</b>	A synthetic peptide of human Adipose Triglyceride Lipase

**Background**

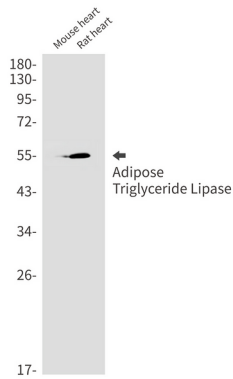
Catalyzes the initial step in triglyceride hydrolysis in adipocyte and non-adipocyte lipid droplets. Also has acylglycerol transacylase activity. May act coordinately with LIPE/HLS within the lipolytic cascade. Regulates adiposome size and may be

involved in the degradation of adiposomes.

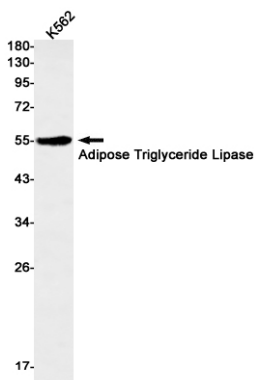
## Research Area

Cardiovascular

## 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.