

Product datasheet for **TA384998**

Adipose Triglyceride Lipase (PNPLA2) Rabbit Monoclonal Antibody [Clone ID: R06-9B2]

Product data:

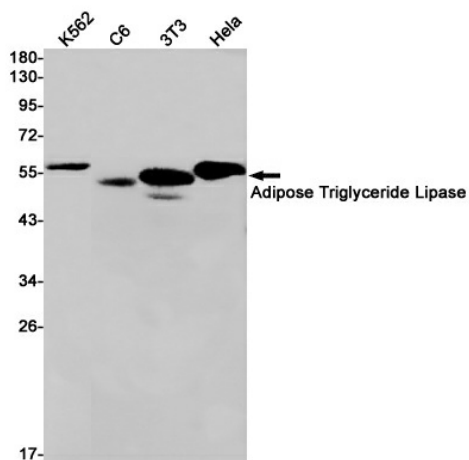
Product Type:	Primary Antibodies
Clone Name:	R06-9B2
Applications:	IHC, IP, WB
Recommended Dilution:	WB: 1/1000 IHC: 1/500 IP: 1/20
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant protein of human Adipose Triglyceride Lipase
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 55 kDa; Observed MW: 55 kDa
Gene Name:	patatin like phospholipase domain containing 2
Database Link:	Entrez Gene 57104 Human Q96AD5
Background:	Swiss-Prot Acc.Q96AD5.Catalyzes the initial step in triglyceride hydrolysis in adipocyte and non-adipocyte lipid droplets (PubMed:15550674). 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 (PubMed:16239926). May play an important role in energy homeostasis. May play a role in the response of the organism to starvation, enhancing hydrolysis of triglycerides and providing free fatty acids to other tissues to be oxidized in situations of energy depletion.



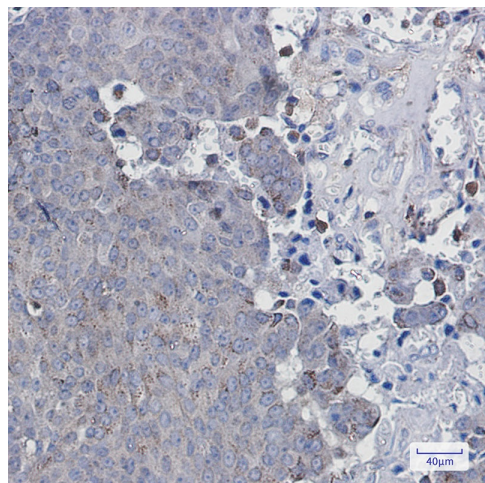
[View online »](#)

Synonyms: 1110001C14Rik; ATGL; DESNUTRIN; DKFZp667M109; FP17548; IPLA2-zeta; PEDF-R; TTS-2.2; TTS2; TTS2.2

Product images:



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.