

Phospho-ATGL (Ser428) Polyclonal Antibody

CATALOG NO:	A1038-100
ALTERNATIVE NAMES:	Desnutrin, IPLA2-zeta, TTS2.2, ATGL, PEDF-R
AMOUNT:	100 µg (1 mg/ml)
HOST/ISOTYPE:	Rabbit IgG
IMMUNOGEN:	Synthetic peptide
SPECIES REACTIVITY:	Human
PURIFICATION:	Affinity purified rabbit IgG using protein G
FORM:	Liquid
FORMULATION:	Supplied in 0.01M Tris-HCl, pH 8.0, 0.15M NaCl, and 0.02% sodium azide. Protein was determined by OD280 absorbance.
STORAGE CONDITIONS:	Store at 4°C. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	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. 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.
APPLICATION:	Western blot, Immunoblot: 0.5-2 µg/ml, ELISA

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

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