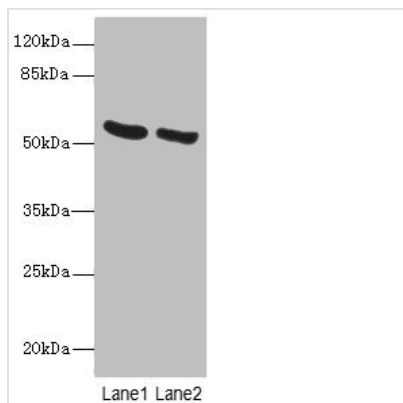




PNPLA2 Antibody

Product Code	CSB-PA836180LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q96AD5
Immunogen	Recombinant Human Patatin-like phospholipase domain-containing protein 2 protein (1-504AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Patatin-like phospholipase domain-containing protein 2 (EC 3.1.1.3) (Adipose triglyceride lipase) (Calcium-independent phospholipase A2) (Desnutrin) (IPLA2-zeta) (Pigment epithelium-derived factor) (TTS2.2) (Transport-secretion protein 2) (TTS2), PNPLA2, ATGL
Species	Human
Research Area	Cardiovascular
Target Names	PNPLA2
Image	



Western blot

All lanes: PNPLA2 antibody at 10 μ g/ml

Lane 1: Mouse liver tissue

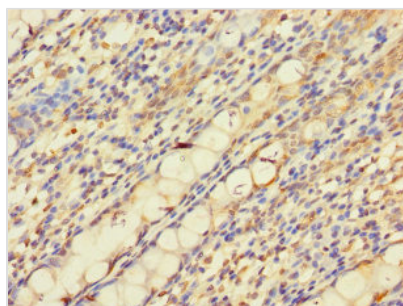
Lane 2: NIH/3T3 whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

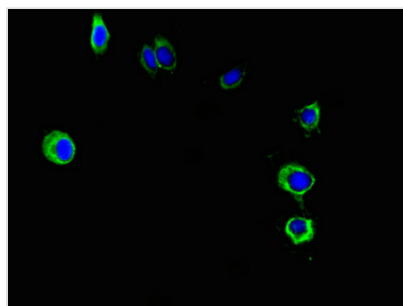
Predicted band size: 56, 20 kDa

Observed band size: 56 kDa



Immunohistochemistry of paraffin-embedded human colon tissue using CSB-

PA836180LA01HU at dilution of 1:100



Immunofluorescent analysis of HeLa cells using CSB-PA836180LA01HU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)