

Rabbit anti-Human, Mouse PNPLA2 Polyclonal Antibody | anti-PNPLA2 antibody

PNPLA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26917	Rabbit	Human, Mouse	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

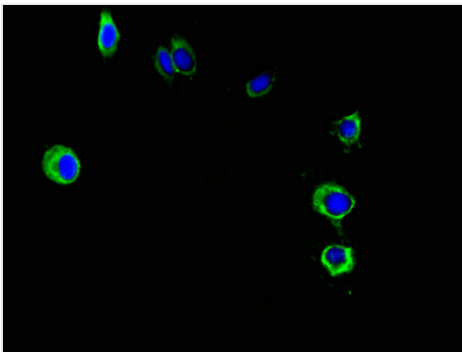
PRODUCT SYNONYMS

PNPLA2; Polyclonal Antibody; PNPLA2 Antibody; 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); ATGL; anti-PNPLA2 antibody

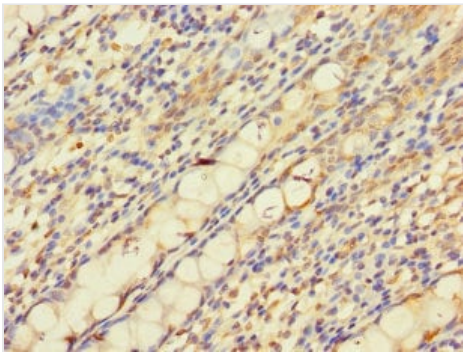
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-PNPLA2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000-1:5000 IHC:1:20-1:200 IF:1:50-1:200
Immunogen	Recombinant Human Patatin-like phospholipase domain-containing protein 2 protein (1-504AA)
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Species	Homo sapiens (Human)
Research Area	Cardiovascular
Target Names	PNPLA2
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

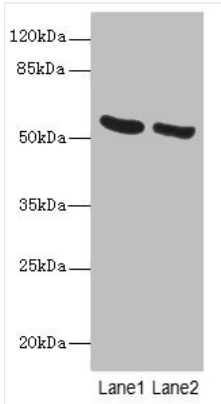
IMAGES



IHC (Immunohistochemistry)
Immunofluorescent analysis of HeLa cells using AAA26917 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon tissue using AAA26917 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: PNPLA2 antibody at 10ug/mlLane 1: Mouse liver tissueLane 2: NIH/3T3 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 56,20 kDaObserved band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PNPLA2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32698724
NCBI GeneID	57104
NCBI Accession #	NP_065109.1
NCBI GenBank Nucleotide #	NM_020376.3
UniProt Accession #	Q96AD5; O60643; Q5EFF5; Q6XYE5; Q96ET6; Q9NQ61; Q9NQ62
NCBI Official Full Name	patatin-like phospholipase domain-containing protein 2
NCBI Official Synonym Full Names	patatin like phospholipase domain containing 2
NCBI Official Symbol	PNPLA2
NCBI Official Synonym Symbols	ATGL; TTS2; PEDF-R; FP17548; TTS-2.2; iPLA2zeta; 1110001C14Rik

NCBI Protein Information	patatin-like phospholipase domain-containing protein 2
UniProt Protein Name	Patatin-like phospholipase domain-containing protein 2
UniProt Gene Name	PNPLA2
UniProt Synonym Gene Names	ATGL; TTS2
UniProt Entry Name	PLPL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pnpla2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/26917>