



Anti-PNPLA2 (aa 347-446) polyclonal antibody (DPAB-DC2565)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an enzyme which catalyzes the first step in the hydrolysis of triglycerides in adipose tissue. Mutations in this gene are associated with neutral lipid storage disease with myopathy.
Immunogen	PNPLA2 (NP_065109, 347 a.a. ~ 446 a.a) partial recombinant protein with GST tag. The sequence is SFTIRLLEWLDPVPEDIRWMKEQTGSICQYLVMRAKRKLGRHLPSRLPEQVELRRVQSLP SVPLSCAAYREALPGWMRNLSLGDALAKWEECQRQLLLG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [PNPLA2 patatin-like phospholipase domain containing 2 \[Homo sapiens \(human\) \]](#)

Official Symbol	PNPLA2
Synonyms	PNPLA2; patatin-like phospholipase domain containing 2; ATGL; TTS2; PEDF-R; FP17548; TTS-2.2; iPLA2zeta; 1110001C14Rik; patatin-like phospholipase domain-containing protein 2; TTS2.2; desnutrin; IPLA2-zeta; triglyceride hydrolase; adipose triglyceride lipase; transport-secretion protein 2.2; pigment epithelium-derived factor; calcium-independent phospholipase A2; patatin-like phospholipase domain containing protein 2;
Entrez Gene ID	57104
Protein Refseq	NP_065109
UniProt ID	Q96AD5
Chromosome Location	11p15.5
Pathway	Acyl chain remodeling of DAG and TAG; Acylglycerol degradation; Glycerolipid metabolism; Glycerophospholipid biosynthesis
Function	triglyceride lipase activity;