

Allgemeine Informationen

Katalog-Nr.: CL594-67369	GenBank-Zugangsnummer: BC065195	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von80339	GeneID (NCBI): von80339	CloneNo.: 1D2B11
Nanodrop;	Vollständiger Name: patatin-like phospholipase domain containing 3	Empfohlene Verdünnungen: IF 1:50-1:500
Wirt: Maus	Beobachtete Masse: 53 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Isotyp: IgG1		
Immunogen Katalognummer: AG27407		

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : HeLa-Zellen,
Getestete Reaktivität: Human, Ratte	

Hintergrundinformationen

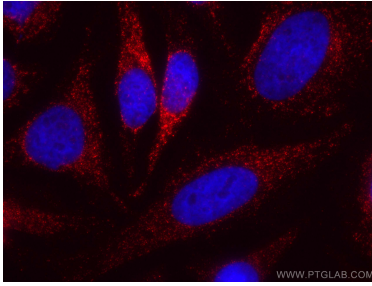
PNPLA3 belongs to a family of proteins that share a domain that was first identified in patatin, a major soluble protein of potato tubers with nonspecific acyl hydrolase activity. The domain differs from classical lipases by employing a catalytic dyad (Ser-Asp), rather than a catalytic triad, to effect hydrolysis. PNPLA3 is expressed primarily in liver and adipose tissue, in which it partitions to membranes and lipid droplets. Real-time PCR of cDNA from human tissues indicated that PNPLA3 expression was highest in the liver, followed by skin and adipose tissue. PNPLA3 is expressed at the highest levels in adipose tissue of mice. The PNPLA3 protein was expected at 50-70 kDa, as observed; the additional band at approximately 130-150 kDa is a oligomer bands. (PMID: 20385813, PMID: 24931521, PMID: 23023705)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite@594 PNPLA3 antibody (CL594-67369, Clone: 1D2B11) at dilution of 1:200.