

Anti-Lipin 2/LPIN2 antibody ab63928

2 References 両俵数 1

医薬用外劇物

製品の概要

製品名	Anti-Lipin 2/LPIN2 antibody
製品の詳細	Rabbit polyclonal to Lipin 2/LPIN2
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Human
免疫原	Synthetic peptide corresponding to Mouse Lipin 2/LPIN2.
ポジティブ・コントロール	Jurkat cell and Mouse tissue lysates.
特記事項	<p>This product is manufactured by BioVision, an Abcam company and was previously called 3832 Lipin 2 Antibody. 3832-100 is the same size as the 100 µg size of ab63928.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: PBS, 30% Glycerol (glycerin, glycerine), 0.5% BSA</p>
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab63928の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 - 4 µg/ml. Detects a band of approximately 99 kDa (predicted molecular weight: 99 kDa).

ターゲット情報

機能

Plays important roles in controlling the metabolism of fatty acids at different levels. Acts as a magnesium-dependent phosphatidate phosphatase enzyme which catalyzes the conversion of phosphatidic acid to diacylglycerol during triglyceride, phosphatidylcholine and phosphatidylethanolamine biosynthesis in the reticulum endoplasmic membrane. Acts also as a nuclear transcriptional coactivator for PPARGC1A to modulate lipid metabolism.

組織特異性

Expressed in liver, lung, kidney, placenta, spleen, thymus, lymph node, prostate, testes, small intestine, and colon.

関連疾患

Defects in LPIN2 are the cause of Majeed syndrome (MAJEEDS) [MIM:609628]. An autosomal recessive syndrome characterized by chronic recurrent multifocal osteomyelitis that is of early onset with a lifelong course, congenital dyserythropoietic anemia that presents as hypochromic, microcytic anemia during the first year of life and ranges from mild to transfusion-dependent, and transient inflammatory dermatosis, often manifesting as Sweet syndrome (neutrophilic skin infiltration).

配列類似性

Belongs to the lipin family.

ドメイン

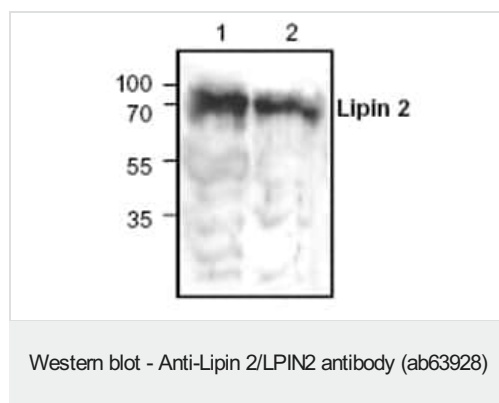
Contains 1 Asp-Xaa-Asp-Xaa-Thr (DXDXT) motif, a catalytic motif known to be essential for phosphatidate phosphatase activity.

Contains one Leu-Xaa-Xaa-Ile-Leu (LXXIL) motif, a motif known to be a transcriptional binding motif.

細胞内局在

Nucleus. Cytoplasm > cytosol. Endoplasmic reticulum membrane. Translocates to endoplasmic reticulum membrane with increasing levels of oleate.

画像



All lanes : Anti-Lipin 2/LPIN2 antibody (ab63928) at 0.5 µg/ml

Lane 1 : Jurkat cell lysate

Lane 2 : Mouse tissue lysate

Predicted band size: 99 kDa

Observed band size: 99 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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