

产品名称: DGAT2L3 Rabbit Polyclonal Antibody
产品货号: APRab09939



产品概述 (Summary)

产品名称 (Production Name)	DGAT2L3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AWAT1
别名 (Alternative Names)	AWAT1; DGA2; DGAT2L3; Acyl-CoA wax alcohol acyltransferase 1; Diacylglycerol O-acyltransferase 2-like protein 3; Diacylglycerol acyltransferase 2; Long-chain-alcohol O-fatty-acyltransferase 1
基因 ID (Gene ID)	158833.0
蛋白 ID (SwissProt ID)	Q58HT5.The antiserum was produced against synthesized peptide derived from human AWAT1. AA range:261-310

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	39kDa

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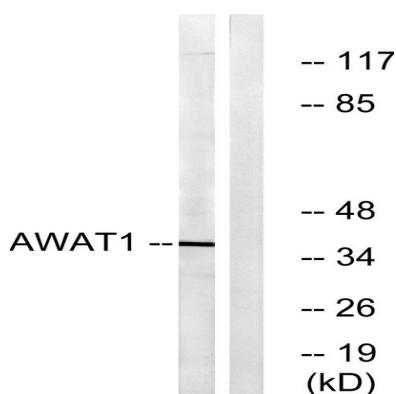


研究背景 (Background)

The protein encoded by this gene belongs to the diacylglycerol acyltransferase family. It esterifies long chain (wax) alcohols with acyl-CoA-derived fatty acids to produce wax esters. Wax esters are enriched in sebum, suggesting that this enzyme plays a central role in lipid metabolism in skin. Consistent with this observation, this protein is predominantly expressed in the sebaceous gland of the skin. [provided by RefSeq, Sep 2009],catalytic activity:Acyl-CoA + a long-chain alcohol = CoA + a long-chain ester.,function:Acyltransferase that predominantly esterify long chain (wax) alcohols with acyl-CoA-derived fatty acids to produce wax esters. Wax esters are enriched in sebum, suggesting that it plays a central role in lipid metabolism in skin. Has a preference for arachidyl alcohol as well as decyl alcohol, demonstrating its relatively poor activity using saturated long chain alcohols (C16, C18, and C20).,similarity:Belongs to the diacylglycerol acyltransferase family.,tissue specificity:Predominantly expressed in skin, where it is limited to the sebaceous gland. Expressed in more mature, centrally located cells just before their rupture and sebum release. Also expressed in all tissues except spleen. Expressed at higher level in thymus, prostate and testis.,

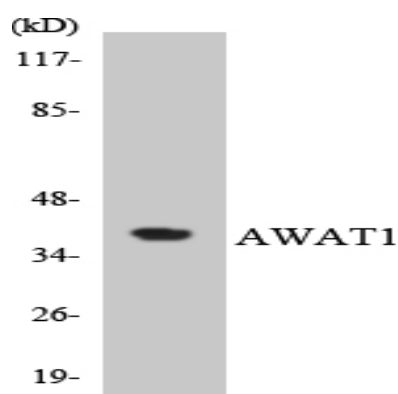
研究领域 (Research Area)

图片 (Image Data)

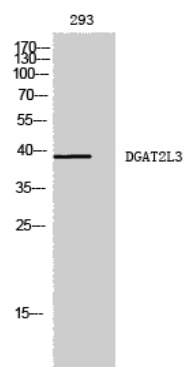


Western blot analysis of lysates from 293 cells, using AWAT1 Antibody. The lane on the right is blocked with the synthesized peptide.

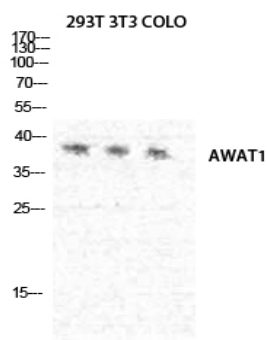
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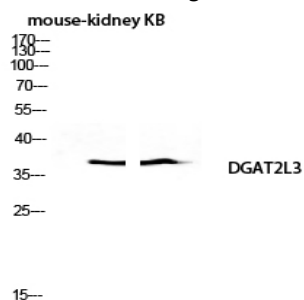
Western blot analysis of the lysates from HT-29 cells using AWAT1 antibody.



Western Blot analysis of 293 cells using DGAT2L3 Polyclonal Antibody diluted at 1: 1000



Western Blot analysis of 293T NIH-3T3 COLO cells using DGAT2L3 Polyclonal Antibody diluted at 1: 1000



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Western blot analysis of mouse-kidney KB lysis using DGAT2L3 antibody. Antibody was diluted at 1:1000

注意事项 (Note)

For research use only .