

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SCD



Numéro de catalogue: 23393-1-AP

Phare

34 Publications

Informations de base

Numéro de catalogue: 23393-1-AP	Numéro d'acquisition GenBank: BC005807	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop and 520 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 6319	Dilutions recommandées: IHC 1:20-1:200
Hôte: Lapin	Nom complet: stearoyl-CoA desaturase (delta-9-desaturase)	
Isotype: IgG	MW calculé: 355 aa, 41 kDa	
Immunogen Catalog Number: AG13456	MW observés: 40 kDa	

Applications

Applications testées:

IHC, ELISA

Demandes citées:

IF, IHC

Spécificité de l'espèce:

Humain, rat

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

IHC : tissu hépatique humain, tissu cérébral humain

Informations générales

SCD (stearoyl-CoA desaturase) is a 37-45 kDa (PMID:10946019) microsomal fatty acid monodesaturase, also commonly known as 9-desaturase, which catalyses the committed step in the biosynthesis of mono-unsaturated fatty acids from saturated fatty acids. Five SCD genes (SCD1, SCD2, SCD3, SCD4 and SCD5) have been identified and characterized in mice and SCD1 and SCD2 are the main isoforms expressed in mouse liver and brain respectively, SCD3 is expressed exclusively in skin, whereas SCD4 is expressed predominantly in the heart. SCD1 and SCD5 has been the only human SCD gene identified and characterized to date (PMID:15907797). The formation of homodimers and oligomers is an intrinsic property of SCD proteins, which may play an important role in regulating the half-life of the SCD enzymes, thus representing a novel regulatory mechanism for SCD enzymes, in addition to the transcriptional and post-translational regulations. A 32-kDa SCD1 degradation product identified may be caused by a major cleavage site at the C-terminus, thus representing a novel degradation product (PMID:15610069).

Publications notables

Autrice	Pubmed ID	Journal	Application
Jiale Sun	34557413	Front Oncol	IHC
Haiqing Luo	34486791	Stem Cells	WB, IHC
Qiang Meng	27773935	Acta Pharmacol Sin	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

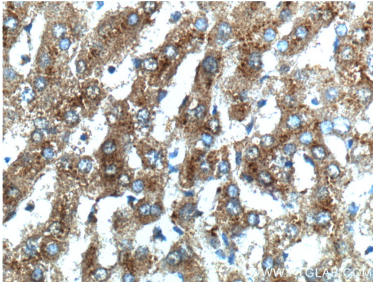
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Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 23393-1-AP (SCD Antibody) at dilution of 1:200 (under 40x lens).