

产品名称: DCI Rabbit Polyclonal Antibody
产品货号: APRab09836



产品概述 (Summary)

产品名称 (Production Name)	DCI Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,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)	ECI1 ECI1; DCI; Enoyl-CoA delta isomerase 1, mitochondrial; 3,2-trans-enoyl-CoA isomerase;
别名 (Alternative Names)	Delta(3),Delta(2)-enoyl-CoA isomerase; D3,D2-enoyl-CoA isomerase; Dodecenoyl-CoA isomerase
基因 ID (Gene ID)	1632.0
蛋白 ID (SwissProt ID)	P42126.Synthesized peptide derived from DCI . at AA range: c-terminal

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	30kDa

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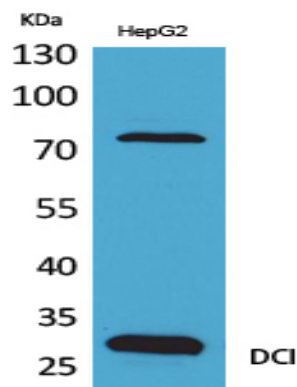
研究背景 (Background)

This gene encodes a member of the hydratase/isomerase superfamily. The protein encoded is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described. [provided by RefSeq, May 2010], catalytic activity: (3Z)-dodec-3-enoyl-CoA = (2E)-dodec-2-enoyl-CoA, function: Able to isomerize both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species, pathway: Lipid metabolism; fatty acid beta-oxidation, similarity: Belongs to the enoyl-CoA hydratase/isomerase family, subunit: Homotrimer,

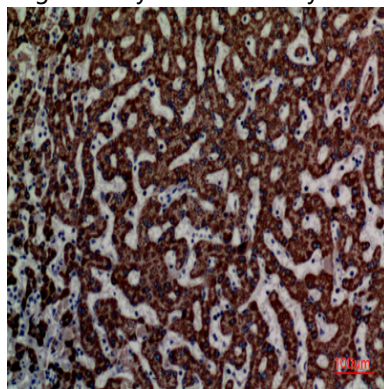
研究领域 (Research Area)

Fatty acid metabolism;

图片 (Image Data)

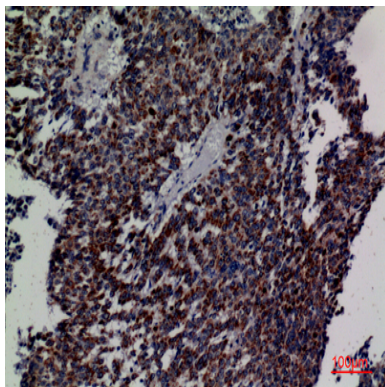


Western Blot analysis of HepG2 cells using DCI Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

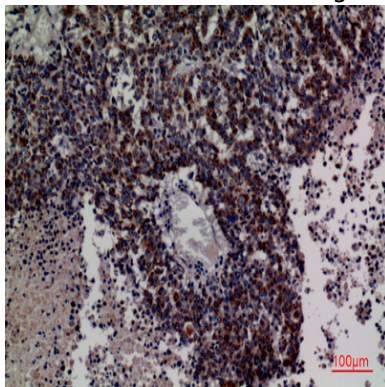


Immunohistochemical analysis of paraffin-embedded human liver, antibody was diluted at 1:100

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Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100

注意事项 (Note)

For research use only .