

产品名称: DRS-1 Rabbit Polyclonal Antibody
产品货号: APRab10167



产品概述 (Summary)

产品名称 (Production Name)	DRS-1 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)	ECI2 ECI2; DRS1; HCA88; Peci; Enoyl-CoA delta isomerase 2; mitochondrial; DRS-1;
别名 (Alternative Names)	Delta(3),delta(2)-enoyl-CoA isomerase; D3,D2-enoyl-CoA isomerase; Diazepam-binding inhibitor-related protein 1; DBI-related protein 1; Dodecenoyl-CoA isomerase; Hep
基因 ID (Gene ID)	10455.0
蛋白 ID (SwissProt ID)	O75521.The antiserum was produced against synthesized peptide derived from human Peci. AA range:73-122

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
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蛋白分子量 (Molecular Weight) 40kDa

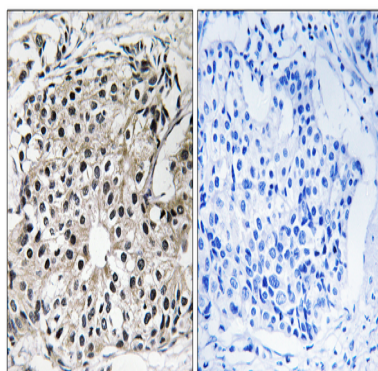
研究背景 (Background)

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, Aug 2011], 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, similarity: Contains 1 ACB (acyl-CoA-binding) domain, similarity: In the C-terminal section; belongs to the enoyl-CoA hydratase/isomerase family, tissue specificity: Abundant in heart, skeletal muscle and liver,.

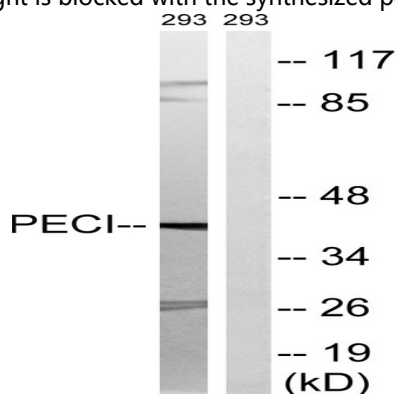
研究领域 (Research Area)

Fatty acid metabolism;

图片 (Image Data)

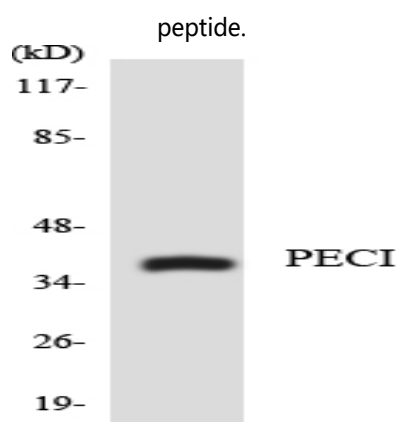


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PECl Antibody. The picture on the right is blocked with the synthesized peptide.

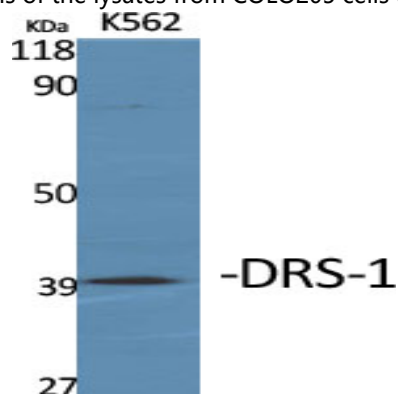


Western blot analysis of lysates from 293 cells, using PECl Antibody. The lane on the right is blocked with the synthesized

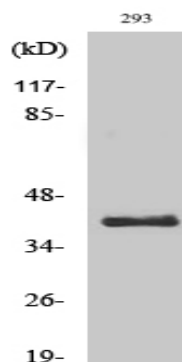
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Western blot analysis of the lysates from COLO205 cells using Peci antibody.



Western Blot analysis of various cells using DRS-1 Polyclonal Antibody



Western Blot analysis of 293 cells using DRS-1 Polyclonal Antibody

注意事项 (Note)

For research use only .