

产品名称: PBFE Rabbit Polyclonal Antibody
产品货号: APRab15804



产品概述 (Summary)

产品名称 (Production Name)	PBFE 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

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)	EHHADH
别名 (Alternative Names)	EHHADH; ECHD; Peroxisomal bifunctional enzyme; PBE; PBFE
基因 ID (Gene ID)	1962.0
蛋白 ID (SwissProt ID)	Q08426.The antiserum was produced against synthesized peptide derived from human EHHADH. AA range:476-525

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	80kDa

研究背景 (Background)

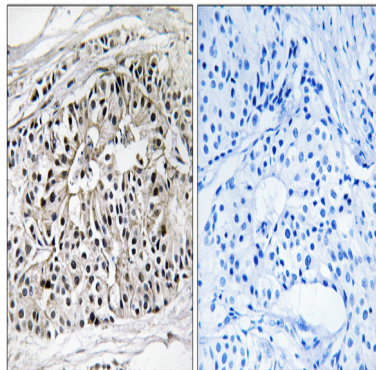
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catalytic activity:(3S)-3-hydroxyacyl-CoA = trans-2(or 3)-enoyl-CoA + H₂O.,catalytic activity:(3Z)-dodec-3-enoyl-CoA = (2E)-dodec-2-enoyl-CoA.,catalytic activity:(S)-3-hydroxyacyl-CoA + NAD(+) = 3-oxoacyl-CoA + NADH.,disease:Absent in patients suffering with peroxisomal disorders such as Zellweger syndrome, neonatal adrenoleukodystrophy and infantile Refsum disease.,pathway:Lipid metabolism; fatty acid beta-oxidation.,similarity:In the C-terminal section; belongs to the 3-hydroxyacyl-CoA dehydrogenase family.,similarity:In the N-terminal section; belongs to the enoyl-CoA hydratase/isomerase family.,subunit:Monomer.,tissue specificity:Liver and kidney. Lower amounts seen in the brain.,catalytic activity:(3S)-3-hydroxyacyl-CoA = trans-2(or 3)-enoyl-CoA + H₂O.,catalytic activity:(3Z)-dodec-3-enoyl-CoA = (2E)-dodec-2-enoyl-CoA.,catalytic activity:(S)-3-hydroxyacyl-CoA + NAD(+) = 3-oxoacyl-CoA + NADH.,disease:Absent in patients suffering with peroxisomal disorders such as Zellweger syndrome, neonatal adrenoleukodystrophy and infantile Refsum disease.,pathway:Lipid metabolism; fatty acid beta-oxidation.,similarity:In the C-terminal section; belongs to the 3-hydroxyacyl-CoA dehydrogenase family.,similarity:In the N-terminal section; belongs to the enoyl-CoA hydratase/isomerase family.,subunit:Monomer.,tissue specificity:Liver and kidney. Lower amounts seen in the brain.,

研究领域 (Research Area)

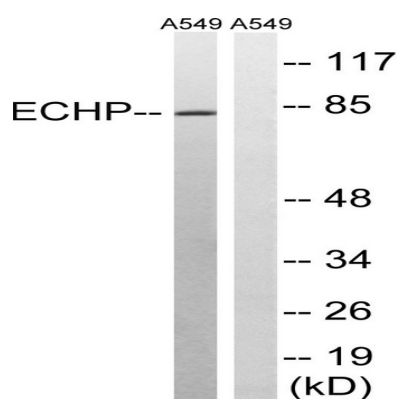
Fatty acid metabolism;Valine; leucine and isoleucine degradation;Lysine degradation;Tryptophan metabolism;beta-Alanine metabolism;Propanoate metabolism;Butanoate metabolism;Limonene and pinene degradation;PPAR;

图片 (Image Data)

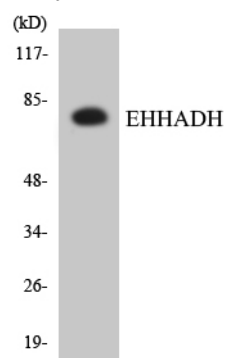


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using EHHADH Antibody. The picture on the right is blocked with the synthesized peptide.

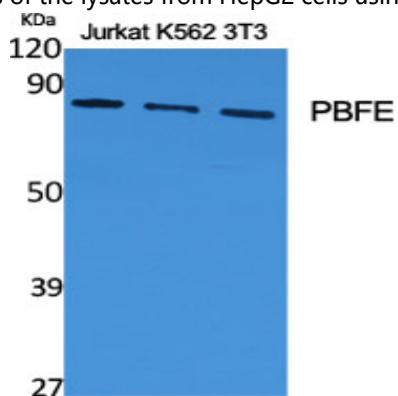
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Western blot analysis of lysates from A549 cells, using EHHADH Antibody. The lane on the right is blocked with the synthesized peptide.

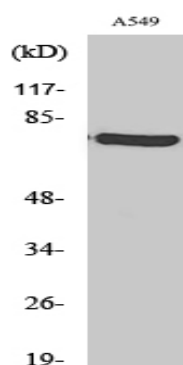


Western blot analysis of the lysates from HepG2 cells using EHHADH antibody.



Western Blot analysis of various cells using PBFE Polyclonal Antibody

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Western Blot analysis of A549 cells using PBFE Polyclonal Antibody

注意事项 (Note)

For research use only .