

产品名称: DHODH Rabbit Polyclonal Antibody
产品货号: APRab09966



产品概述 (Summary)

产品名称 (Production Name)	DHODH 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)	DHODH
别名 (Alternative Names)	DHODH; Dihydroorotate dehydrogenase; quinone); mitochondrial; DHODEhase; Dihydroorotate oxidase
基因 ID (Gene ID)	1723.0
蛋白 ID (SwissProt ID)	Q02127.The antiserum was produced against synthesized peptide derived from human DHODH. AA range:211-260

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 1:20000-1:40000
蛋白分子量 (Molecular Weight)	48kDa

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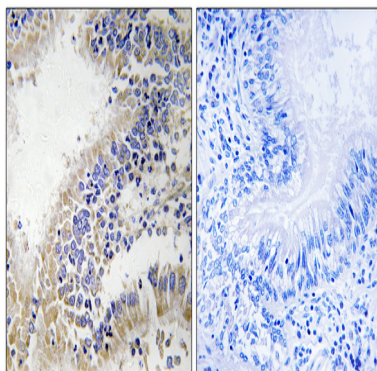
研究背景 (Background)

The protein encoded by this gene catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis. This protein is a mitochondrial protein located on the outer surface of the inner mitochondrial membrane. [provided by RefSeq, Jul 2008], catalytic activity: (S)-dihydroorotate + O(2) = orotate + H(2)O(2), cofactor: Binds 1 FAD per subunit, pathway: Pyrimidine metabolism; UMP biosynthesis via de novo pathway; UMP from HCO(3)(-): step 4/6, similarity: Belongs to the dihydroorotate dehydrogenase family.

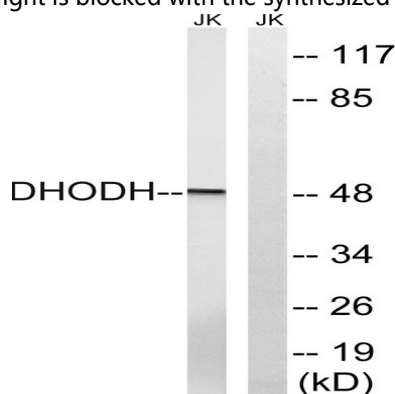
研究领域 (Research Area)

Pyrimidine metabolism;

图片 (Image Data)

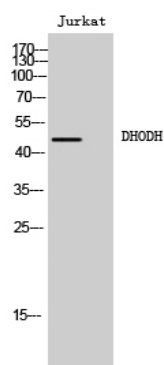


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using DHODH Antibody. The picture on the right is blocked with the synthesized peptide.



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

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Western Blot analysis of Jurkat cells using DHODH Polyclonal Antibody

注意事项 (Note)

For research use only .