

产品名称: TRP2 Rabbit Polyclonal Antibody
产品货号: APRab19311



产品概述 (Summary)

产品名称 (Production Name)	TRP2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, 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)	DCT
别名 (Alternative Names)	DCT; TYRP2; L-dopachrome tautomerase; DCT; DT; L-dopachrome Delta-isomerase; Tyrosinase-related protein 2; TRP-2; TRP2
基因 ID (Gene ID)	1638.0
蛋白 ID (SwissProt ID)	P40126. The antiserum was produced against synthesized peptide derived from human DCT. AA range: 51-100

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	60kDa

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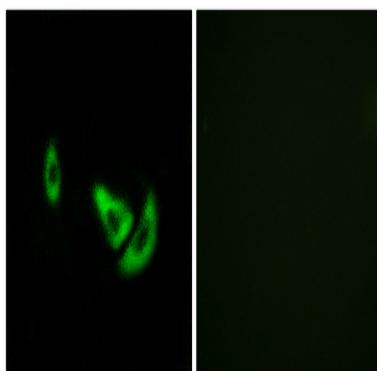
研究背景 (Background)

catalytic activity:L-dopachrome = 5,6-dihydroxyindole-2-carboxylate.,cofactor:Binds 2 zinc ions per subunit.,function:Involved in regulating eumelanin and phaeomelanin levels.,pathway:Pigment biosynthesis; melanin biosynthesis.,similarity:Belongs to the tyrosinase family.,subunit:Tyrosinase, TYRP1 and TYRP2 may form a multienzyme complex.,catalytic activity:L-dopachrome = 5,6-dihydroxyindole-2-carboxylate.,cofactor:Binds 2 zinc ions per subunit.,function:Involved in regulating eumelanin and phaeomelanin levels.,pathway:Pigment biosynthesis; melanin biosynthesis.,similarity:Belongs to the tyrosinase family.,subunit:Tyrosinase, TYRP1 and TYRP2 may form a multienzyme complex.,

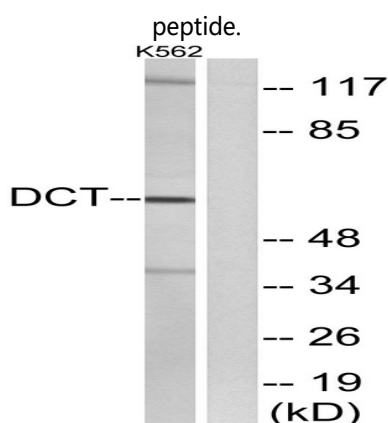
研究领域 (Research Area)

Tyrosine metabolism;Melanogenesis;

图片 (Image Data)

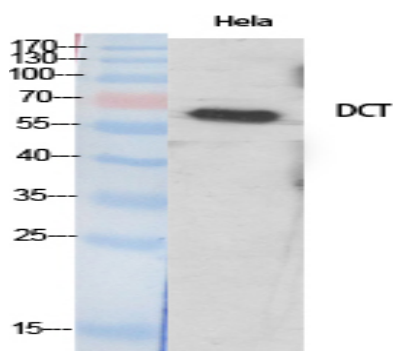


Immunofluorescence analysis of A549 cells, using DCT Antibody. The picture on the right is blocked with the synthesized



Western blot analysis of lysates from K562 cells, using DCT Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using TRP2 Polyclonal Antibody diluted at 1 : 500. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .