

产品名称: GFRP Rabbit Polyclonal Antibody
产品货号: APRab11417



产品概述 (Summary)

产品名称 (Production Name)	GFRP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	GCHFR
别名 (Alternative Names)	GCHFR; GFRP; GTP cyclohydrolase 1 feedback regulatory protein; GFRP; GTP cyclohydrolase I feedback regulatory protein; p35
基因 ID (Gene ID)	2644.0
蛋白 ID (SwissProt ID)	P30047. The antiserum was produced against synthesized peptide derived from human GCHFR. AA range: 31-80

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

产品名称: GFRP Rabbit Polyclonal Antibody
产品货号: APRab11417

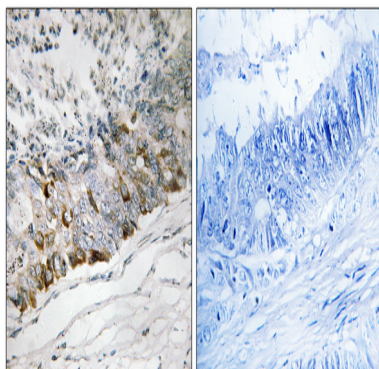


研究背景 (Background)

GTP cyclohydrolase I feedback regulatory protein binds to and mediates tetrahydrobiopterin inhibition of GTP cyclohydrolase I. The regulatory protein, GCHFR, consists of a homodimer. It is postulated that GCHFR may play a role in regulating phenylalanine metabolism in the liver and in the production of biogenic amine neurotransmitters and nitric oxide. [provided by RefSeq, Jul 2008],function:Mediates tetrahydrobiopterin inhibition of GTP cyclohydrolase 1. This inhibition is reversed by L-phenylalanine.,similarity:Belongs to the GFRP family.,subunit:Homopentamer. Forms a complex with GCH1 where a GCH1 homodecamer is sandwiched by two GFRP homopentamers (By similarity). Interacts with GCH1.,tissue specificity:In epidermis, expressed predominantly in basal undifferentiated keratinocytes and in some but not all melanocytes (at protein level),

研究领域 (Research Area)

图片 (Image Data)



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

注意事项 (Note)

For research use only .