

Summary

Production Name	GFRP Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GCHFR
Alternative Names	GCHFR; GFRP; GTP cyclohydrolase 1 feedback regulatory protein; GFRP; GTP cyclohydrolase I feedback regulatory protein; p35
Gene ID	2644.0
SwissProt ID	P30047.The antiserum was produced against synthesized peptide derived from human GCHFR. AA range:31-80

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:10000
Molecular Weight	

Background

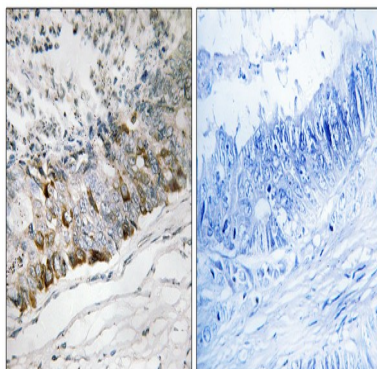
Product Name: GFRP Rabbit Polyclonal Antibody
Catalog #: APRab11417



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),.

Research Area

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.

Note

For research use only.