

GFRP Rabbit pAb

CatalogNo: YT1895

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- IHC,IF,ELISA

MW

- 10kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:10000

IF 1:50-200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human GCHFR. AA range:31-80

Specificity GFRP Polyclonal Antibody detects endogenous levels of GFRP protein.

Target Information

Gene name GCHFR

Protein Name GTP cyclohydrolase 1 feedback regulatory protein

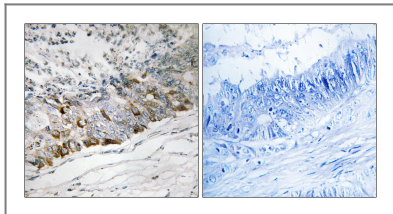
| Organism | Gene ID | UniProt ID |
|----------|-------------------------|-------------------------|
| Human | 2644; | P30047; |
| Mouse | | P99025; |
| Rat | 171128; | P70552; |

Cellular Localization Nucleus . Nucleus membrane . Cytoplasm, cytosol .

Tissue specificity In epidermis, expressed predominantly in basal undifferentiated keratinocytes and in some but not all melanocytes (at protein level).

Function 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).,

Validation Data



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

Contact information

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