

GCHFR Rabbit pAb

Catalog Number: bs-13313R

Target Protein: GCHFR

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat (predicted:Human, Mouse, Pig, Cow, Chicken)

Predicted MW: 10 kDa

Entrez Gene: 2644

Swiss Prot: P30047

Source: KLH conjugated synthetic peptide derived from human GCHFR: 21-60/84.

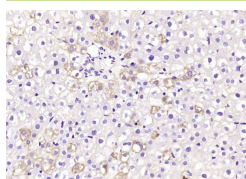
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: GTP cyclohydrolase I feedback regulatory protein (GFRP) is encoded by the gene GCHFR. GFRP mediates feedback inhibition of GTP cyclohydrolase I activity by tetrahydrobiopterin. GFRP also acts as a mediator for the stimulatory effect of phenylalanine on enzyme activity. L-phenylalanine reverses this inhibition. The molecular weight of GFRP is approximately 9.5kDa although cross-linking experiments have shown that GFRP is usually found as a homodimer or as a pentamer. 15q15.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GCHFR) Polyclonal Antibody, Unconjugated (bs-13313R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.