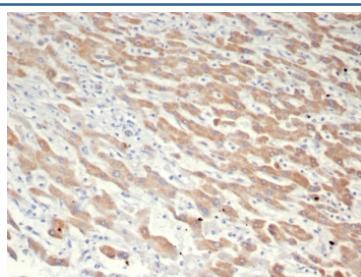


GFRP Antibody / GCHFR [clone GCHFR/7731] (V4384)

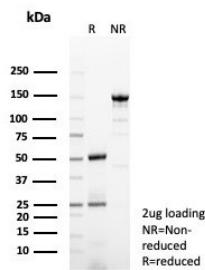
| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V4384-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V4384-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V4384SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

Bulk quote request

| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Mouse |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG2, kappa |
| Clone Name | GCHFR/7731 |
| Purity | Protein A/G affinity |
| UniProt | P30047 |
| Localization | Cytoplasm (Lysosome) |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT |
| Limitations | This GFRP antibody is available for research use only. |



IHC staining of FFPE human liver in HCC with GFRP antibody (clone GCHFR/7731).
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free GFRP antibody (clone GCHFR/7731) as confirmation of integrity and purity.

Description

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. Cross-linking experiments have shown that GFRP is usually expressed as a homodimer or pentamer.

Application Notes

Optimal dilution of the GFRP antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human protein was used as the immunogen for the GCHFR antibody.

Storage

Aliquot the GFRP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.