

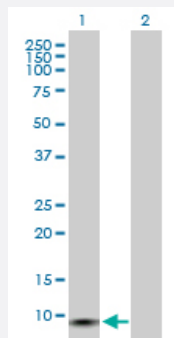
MaxPab®

GCHFR purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002644-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GCHFR expression in transfected 293T cell line ([H00002644-T02](#)) by GCHFR MaxPab polyclonal antibody.

Lane 1: GCHFR transfected lysate(9.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GCHFR protein.
Immunogen	GCHFR (NP_005249.1, 1 a.a. ~ 84 a.a) full-length human protein.
Sequence	MPYLLISTQIRMEVGPTMVGDEQSDPELMQHLGASKRRALGNNFYEYYVDDPPRVLDKLERRGF RVLSMTGVGQTLVWCLHKE
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — GCHFR

Entrez GeneID [2644](#)

GeneBank Accession# [NM_005258](#)

Protein Accession# [NP_005249.1](#)

Gene Name GCHFR

Gene Alias GFRP, HsT16933, MGC138467, MGC138469, P35

Gene Description GTP cyclohydrolase I feedback regulator

Omim ID [602437](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations GTP cyclohydrolase I feedback regulatory protein

Publication Reference

- [The protein partners of GTP cyclohydrolase I in rat organs.](#)

Du J, Teng RJ, Lawrence M, Guan T, Xu H, Ge Y, Shi Y.

PLoS One 2012 Mar; 7(3):e33991.

Application: WB, Human, Rat, HEK 293 cells, Rat liver

Disease

- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)