GCHFR rabbit monoclonal antibody

Catalog # H00002644-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GCHFR peptide using ARM Technology.
Immunogen	A synthetic peptide of human GCHFR is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GCHFR peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — GCHFR

Entrez GeneID	2644
GeneBank Accession#	GCHFR
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 inhib ition of GTP cyclohydrolase I. The regulatory protein, GCHFR, consists of a homodimer. It is postu lated that GCHFR may play a role in regulating phenylalanine metabolism in the liver and in the pr oduction of biogenic amine neurotransmitters and nitric oxide. [provided by RefSeq
Other Designations	GTP cyclohydrolase I feedback regulatory protein

Disease

- Autistic Disorder
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease