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Datasheet for ABIN1714314

anti-GCHFR antibody (AA 21-60)



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Quantity:	100 μL
Target:	GCHFR
Binding Specificity:	AA 21-60
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCHFR antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GCHFR
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Pig, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	GCHFR	

Target Details

Alternative Name:	GCHFR (GCHFR Products)
Background:	Synonyms: GCHFR, GFRP, GFRP_HUMAN, GTP cyclohydrolase 1 feedback regulatory protein,
	GTP cyclohydrolase I feedback regulator, GTP cyclohydrolase I feedback regulatory protein,
	HsT16933, MGC138467, MGC138469, p35.
	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 9.5 kDa although cross-linking experiments have shown that GFRP is usually
	found as a homodimer or as a pentamer. 15q15.
Gene ID:	2644

Application Details

Application Notes:	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date:

12 months