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Datasheet for ABIN1704436  
**anti-GCHFR antibody (AA 21-60) (Cy5)**

### Overview

Quantity:	100 µL
Target:	GCHFR
Binding Specificity:	AA 21-60
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCHFR antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### 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
Alternative Name:	GCHFR ( <a href="#">GCHFR Products</a> )

## Target Details

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**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

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

**Expiry Date:** 12 months