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Datasheet for ABIN1698999

**anti-GCHFR antibody (AA 21-60) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	GCHFR
Binding Specificity:	AA 21-60
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCHFR antibody is conjugated to Alexa Fluor 647
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

Background:	<p>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.</p> <p>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.</p>
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Gene ID:	2644
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## Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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## Handling

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