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Datasheet for ABIN1392030

**anti-GLIS2 antibody (AA 271-350) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	GLIS2
Binding Specificity:	AA 271-350
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLIS2 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GLIS2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Chicken,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	GLIS2
Alternative Name:	GLIS2 ( <a href="#">GLIS2 Products</a> )

## Target Details

Background:	<p>Synonyms: NPHP7, NKL, GLI kruppel family member 2, GLI similar 2, GLI-similar 2, GLIS 2, GLIS family zinc finger 2, glis2, GLIS2_HUMAN, Kruppel like zinc finger protein GLIS2, Neuronal Krueppel-like protein, Tax helper protein, THP, Zinc finger protein GLI2, Zinc finger protein GLIS2.</p> <p>Background: GLIS2 is a 524 amino acid protein that belongs to the GLI C2H2-type zinc-finger protein family. By recruiting the corepressors CtBP1 and HDAC3, GLIS2 represses the transcriptional activation mediated by a<math>\beta</math>-catenin in the Wnt pathway. GLIS2 can act either as a transcription repressor or as a transcription activator and may be involved in neuron differentiation. Mutations of GLIS2 may be associated with development of progressive chronic kidney disease with characteristics resembling nephronophthisis. GLIS2 contains five tandem Cys(2)-His(2) zinc finger motifs that exhibit the highest homology to those of members of the GLI and Zic subfamilies of Kr<math>\mu</math>ppel-like proteins. GLIS2 is expressed at high levels in kidney and at low levels in heart, lung and placenta.</p>
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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
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 $\mu$ g/ $\mu$ L
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 $^{\circ}$ C
Storage Comment:	Store at -20 $^{\circ}$ C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months