Datasheet for ABIN1387778
anti-GLIS2 antibody (AA 271-350)


## Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | GLIS2 |
| Binding Specificity: | AA 271-350 |
| Reactivity: | Rat, Mouse |
| Host: | Rabbit |
| Clonality: | This GLIS2 antibody is un-conjugated |
| Conjugate: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), |
| Application: | Immunofluorescence (Paraffin-embedded 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 GLIS2 |
| :--- | :--- |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Pig,Chicken,Rabbit |
| Purification: | Purified by Protein A. |
| Target Details | GLIS2 |
| Target: |  |


| Alternative Name: | GLIS2 (GLIS2 Products) |
| :--- | :--- |
| Background: | 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. |
|  | 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??-catenin in the Wht 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??ppel-like proteins. GLIS2 is expressed at high levels in kidney and |
|  | at low levels in heart, lung and placenta. |

## Application Details

| Application Notes: | WB 1:300-5000 |
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|  | 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: | $1 \mu \mathrm{~g} / \mu \mathrm{L}$ |
| Buffer: | $0.01 \mathrm{M} \mathrm{TBS}(\mathrm{pH} 7.4)$ with $1 \% \mathrm{BSA}, 0.02 \%$ Proclin300 and $50 \%$ Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be <br> handled by trained staff only. |


| Storage: | $4{ }^{\circ} \mathrm{C},-20^{\circ} \mathrm{C}$ |
| :--- | :--- |
| Storage Comment: | Shipped at $4^{\circ} \mathrm{C}$. Store at $-20^{\circ} \mathrm{C}$ for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

