

Datasheet for 600-401-BL7**GLIS2 Antibody****Overview**

Description:	Anti-GLIS2 (RABBIT) Antibody - 600-401-BL7
Item No.:	600-401-BL7
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	GLIS2, also known as neuronal Krueppel-like, is a 524 amino acid protein that belongs to the GLI C2H2-type zinc-finger protein family (1). GLIS2 can act either as a transcription repressor or as a transcription activator and may be involved in neuron differentiation (1,2). GLIS2 is expressed at high levels in kidney and at low levels in heart, lung and placenta. Mutations of GLIS2 have been suggested to be associated with development of progressive chronic kidney disease with characteristics resembling nephronophthisis (3,4).
Synonyms:	GLIS family zinc finger 2, GLI-similar 2, neuronal krueppel-like protein, NKL, NPHP7
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG
Specific Activity:	1.0 mg/ml

Target Details

Gene Name:	GLIS2
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-GLIS2 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid peptide near the internal region of human GLIS2.

Purity/Specificity: Anti-GLIS2 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. GLIS2 antibody is human, mouse and rat reactive.

Relevant Links:

- [UniProtKB - Q9BZE0](#)
- [GeneID - 84662](#)
- [NCBI - NP_115964](#)

Application Details

Tested Applications: ELISA, IHC, WB

Application Note: Anti-GLIS2 Antibody has been tested for use in ELISA, immunohistochemistry, and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 56 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000-1:20,000

IHC: 5 µg/mL

WB: 1-2 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

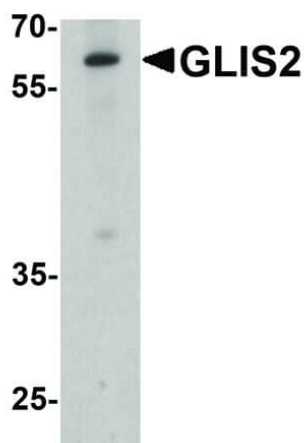
Shipping & Handling

Shipping Condition: Wet Ice

Storage Condition: Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of Rabbit anti-GLIS2 antibody. Lane A: K562 cell lysate. Primary antibody: GLIS2 antibody at 1 $\mu\text{g}/\text{mL}$ overnight at 4°C. Secondary antibody: Goat anti-Rabbit HRP secondary antibody. Block: 5% BLOTTO. Predicted/Observed size: 58 kDa, 60 kDa for GLIS2.

Disclaimer

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