

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

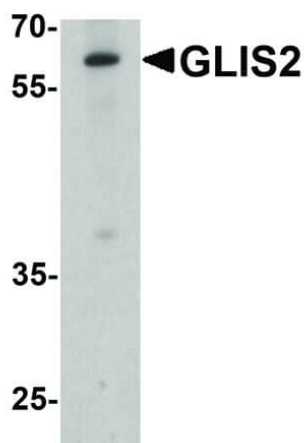
Shipping & Handling

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 µg/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

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.