

Nephrocystin-4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05889
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NPHP4. AA range:877-926
Mol wt	157598
Species reactivity	Human
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	Nephrocystin-4 Antibody
Synonyms	NPHP4; KIAA0673; Nephrocystin-4; Nephroretinin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NPHP4 encodes a protein involved in renal tubular development and function. Nephrocystin-4 interacts with nephrocystin, and belongs to a multifunctional complex that is localized to actin- and microtubule-based structures. Mutations in this gene are associated with nephronophthisis type 4, a renal disease, and with Senior-Loken syndrome type 4, a combination of nephronophthisis and retinitis pigmentosa. Alternative splicing results in multiple transcript variants.

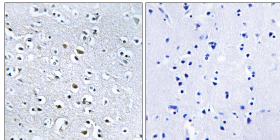
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain, using NPHP4 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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