

[Go to Product page](#)

Datasheet for ABIN5515647 **anti-NPHP4 antibody (N-Term)**

Overview

Quantity:	100 µL
Target:	NPHP4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPHP4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human NPHP4
Sequence:	VSGPKVERRP SRKPPTSPSS PPAPVPRVLA APQNSPVGPG LSISQLAASP
Characteristics:	This is a rabbit polyclonal antibody against NPHP4. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	NPHP4
Alternative Name:	NPHP4 (NPHP4 Products)
Background:	This gene encodes a protein involved in renal tubular development and function. This protein

Target Details

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.

Alias Symbols: NPHP4, KIAA0673,

Protein Interaction Partner: UBC, CEP164, DDB1, LATS1, NPHP1, NPHP4, RPGRIP1,

Protein Size: 1426

Gene ID: 261734

NCBI Accession: [XP_006710628](#)

UniProt: [O75161](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.