ELK Biotechnology

NPHP3 rabbit pAb

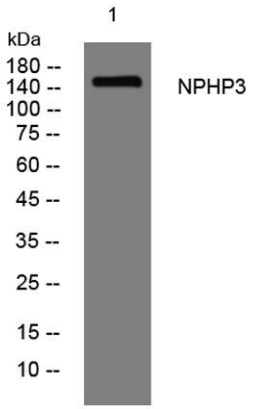
Cat No.:ES14461

For research use only

Overview

Product Name	NPHP3 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1：500-2000
Immunogen	Synthesized peptide derived from human NPHP3 AA range: 1092-1142
Specificity	This antibody detects endogenous levels of NPHP3 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	NPHP3
Gene Name	NPHP3 KIAA2000
Cellular localization	Cell projection, cilium . Localization to cilium is mediated via interaction with UNC119 and UNC119B, which bind to the myristoyl moiety of the N-terminus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	27031
Human Swiss-Prot Number	Q7Z494
Alternative Names	
Background	This gene encodes a protein containing a coiled-coil (CC) domain, a tubulin-tyrosine ligase (TTL) domain, and a tetratrico peptide repeat (TPR) domain. The encoded protein interacts with nephrocystin, it is required for normal ciliary development, and it functions in renal tubular development. Mutations

in this gene are associated with nephronophthisis type 3, and also with renal-hepatic-pancreatic dysplasia, and Meckel syndrome type 7. Naturally occurring read-through transcripts exist between this gene and the downstream ACAD11 (acyl-CoA dehydrogenase family, member 11) gene. [provided by RefSeq, Feb 2011],



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4°over night

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