

Rabbit NPHP3 Polyclonal Antibody | anti-NPHP3 antibody

NPHP3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286797	Rabbit	Human (Predicted Reactivity: Zebrafish, Xenopus)	Immunohistochemistry, ELISA, Western Blot

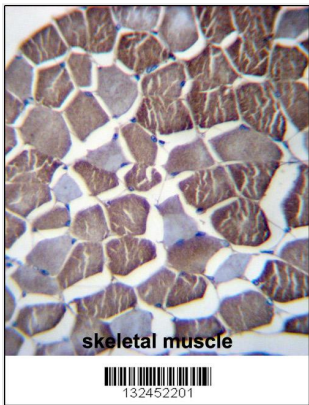
PRODUCT SYNONYMS

NPHP3; Polyclonal Antibody; NPHP3 Antibody (N-term); Nephrocystin-3; KIAA2000; anti-NPHP3 antibody

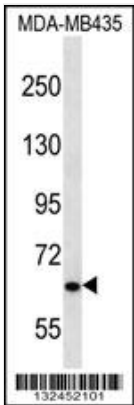
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Zebrafish, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NPHP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-173 amino acids from the N-terminal region of human NPHP3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	144-173
Sequence Length	150
Applicable Applications for anti-NPHP3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
NPHP3 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NPHP3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
NPHP3 Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the NPHP3 antibody detected the NPHP3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NPHP3 antibody	This gene encodes a protein containing a coiled-coil (CC) domain, a tubulin-tyrosine ligase (TTL) domain, and a tetratricopeptide repeat (TPR) domain. The encoded protein interacts with nephrocystin and may function in renal tubular development and function. Mutations in this gene are associated with nephronophthisis type 3. Multiple splice variants have been described but their full-length nature has not been determined.
References	Simpson, M.A., et al. Am. J. Kidney Dis. 53(5):790-795(2009) Tory, K., et al. Kidney Int. 75(8):839-847(2009) Bergmann, C., et al. Am. J. Hum. Genet. 82(4):959-970(2008) Hoeftle, J., et al. J. Am. Soc. Nephrol. 18(10):2789-2795(2007) Leipe, D.D., et al. J. Mol. Biol. 343(1):1-28(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34304360
NCBI GeneID	27031
NCBI Accession #	NP_694972.3
NCBI GenBank Nucleotide #	NM_153240.4
UniProt Accession #	Q7Z494; Q5JPE3; Q5JPE6; Q68D99; Q6NVH3; Q7Z492; Q7Z493; Q8N9R2; Q8NCM5; Q96N70; Q96NK2
Molecular Weight	150864
NCBI Official Full Name	nephrocystin-3
NCBI Official Synonym Full Names	nephronophthisis 3 (adolescent)
NCBI Official Symbol	NPHP3
NCBI Official Synonym Symbols	MKS7; NPH3; RHPD; RHPD1; SLSN3; CFAP31
NCBI Protein Information	nephrocystin-3
UniProt Protein Name	Nephrocystin-3
UniProt Gene Name	NPHP3

UniProt Synonym Gene Names	KIAA2000
UniProt Entry Name	NPHP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/nphp3-antibody-immunohistochemistry-western-blot-elisa/286797>