

Rabbit anti-Human NPHP1 Monoclonal Antibody | anti-NPHP1 antibody

NPHP1 Rabbit mAb

CATALOG # AAA282879	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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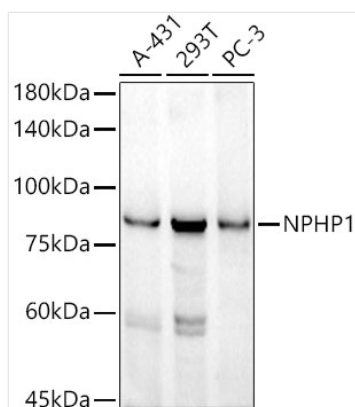
PRODUCT SYNONYMS

NPHP1; Monoclonal Antibody; NPHP1 Rabbit mAb; NPH1; JBTS4; SLSN1; anti-NPHP1 antibody

PRODUCT SPECIFICATIONS

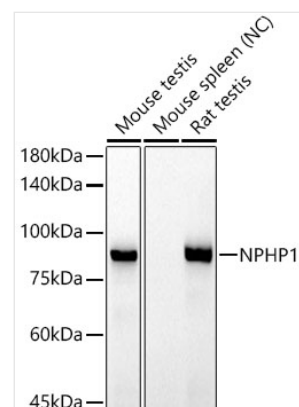
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	PDLGILFELG ISYIRNSTGE RGELSCGWVF LKLFDASGVP IPAKTYELFL NGGTPYEKGI EVDPSISRRA HGSVFYQIMT MRRQPQLLVK LRSLNRRSRN VLSLLPETLI GNMCSIHLI FYRQILGDVL LKDRMSLQST DLISHPMLAT FPMLEQPDV MDALRSSWAG KESTLKRSEK RDKEFLKSTF LLVYHDCVLP LLHSTRLPPE RWAEETETA RWKVITDFLK QNQENQALQ ALLSPDGVHE PFDLSEQTYD FLGEMRKNV
Applicable Applications for anti-NPHP1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 463-732 of human NPHP1 (NP_997064.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using NPHP1 Rabbit mAb (AAA282879) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates, using NPHP1 Rabbit mAb (AAA282879) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): Mouse spleen. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-NPHP1 antibody	This gene encodes a protein with src homology domain 3 (SH3) patterns. This protein interacts with Crk-associated substrate, and it appears to function in the control of cell division, as well as in cell-cell and cell-matrix adhesion signaling, likely as part of a multifunctional complex localized in actin- and microtubule-based structures. Mutations in this gene cause familial juvenile nephronophthisis type 1, a kidney disorder involving both tubules and glomeruli. Defects in this gene are also associated with Senior-Loken syndrome type 1, also referred to as juvenile nephronophthisis with Leber amaurosis, which is characterized by kidney and eye disease, and with Joubert syndrome type 4, which is characterized by cerebellar ataxia, oculomotor apraxia, psychomotor delay and neonatal breathing abnormalities, sometimes including retinal dystrophy and renal disease. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-NPHP1 antibody	Signal Transduction; Kinase; Tyrosine kinases; Cell Biology Developmental Biology; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	46397398
NCBI GeneID	4867
NCBI Accession #	NP_000263.2
NCBI GenBank Nucleotide #	NM_000272.3
UniProt Accession #	O15259; O14837
Molecular Weight	Calculated MW: 83kDa Observed MW: 83kDa
UniProt Protein Name	Nephrocystin-1
UniProt Gene Name	NPHP1
UniProt Synonym Gene Names	NPH1
UniProt Entry Name	NPHP1_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://stage.aaabiotech.com/monoclonal/nphp1-antibody-western-blot-elisa/282879>