

Rabbit anti-Human, Mouse NPHP1 Polyclonal Antibody | anti-NPHP1 antibody

NPHP1 Polyclonal Antibody

CATALOG # AAA176635	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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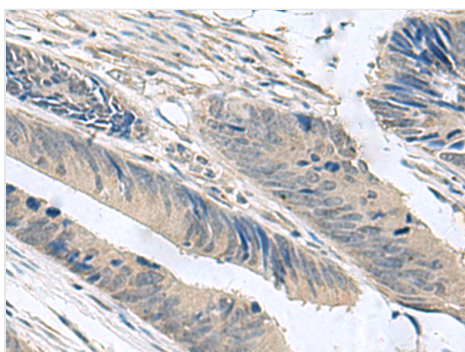
PRODUCT SYNONYMS

NPHP1; Polyclonal Antibody; NPHP1 Polyclonal Antibody; JBTS4; Juvenile nephronophthisis 1 protein; Nephrocystin 1; Nephronophthisis 1 (juvenile); Nephronophthisis; NPH1; SLSN1; anti-NPHP1 antibody

PRODUCT SPECIFICATIONS

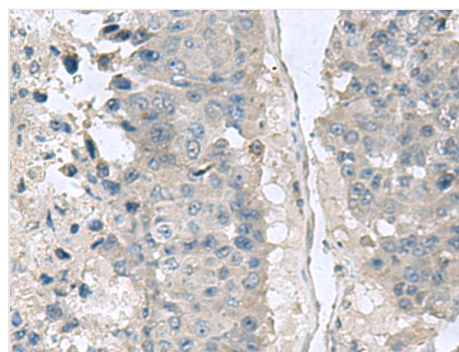
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.02mg/mL (varies by lot)
Sequence Length	733
Applicable Applications for anti-NPHP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human NPHP1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



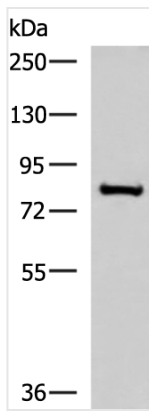
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using NPHP1 Polyclonal Antibody at dilution of 1:60(×200



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NPHP1 Polyclonal Antibody at dilution of 1:60(×200



WB (Western Blot)
Western blot analysis of RAW264.7 cell lysate using NPHP1 Polyclonal Antibody at dilution of 1:800

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	Cell Biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	46397398
NCBI GeneID	4867
NCBI Accession #	NP_000263.2; BC009789
NCBI GenBank Nucleotide #	NP_000263.2
UniProt Accession #	O15259
Molecular Weight	83 kDa
NCBI Official Full Name	nephrocystin-1 isoform 1
NCBI Official Synonym Full Names	nephrocystin 1
NCBI Official Symbol	NPHP1
NCBI Official Synonym Symbols	NPH1; JBTS4; SLSN1
NCBI Protein Information	nephrocystin-1
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nphp1-antibody-immunohistochemistry-western-blot-elisa/176635>