

Rabbit anti-Human, Rat Nephronophthisis 2 Polyclonal Antibody | anti-NPHP2 antibody

Nephronophthisis 2, Infantile (NPHP2) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145059	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Nephronophthisis 2; Polyclonal Antibody; Infantile (NPHP2) Polyclonal Antibody; INVS; NPH2; INV; Inversin; Nephrocystin 2; Inversion of embryo turning homolog; anti-NPHP2 antibody

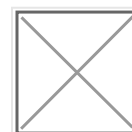
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against NPHP2. It has been selected for its ability to recognize NPHP2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-NPHP2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Rat
Organism Species	Human
Fragment	NPHP2 (Met1~Val237)
Quality Control	Content: The quality control contains recombinant NPHP2 (Met1~Val237) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescet (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded Kidney tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Rat Kidney lysate; Primary Ab: 1ug/ml Rabbit Anti-Human NPHP2
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	34304381
NCBI GeneID	27130
NCBI Accession #	NP_055240.2
NCBI GenBank Nucleotide #	NM_014425.4
UniProt Accession #	Q9Y283; Q2NKL0; Q5W0T6; Q8IVX8; Q9BRB9; Q9Y488; Q9Y498; A2A2Y2
Molecular Weight	10,748 Da
NCBI Official Full Name	inversin isoform a
NCBI Official Synonym Full Names	inversin
NCBI Official Symbol	INVS
NCBI Official Synonym Symbols	INV; NPH2; NPHP2
NCBI Protein Information	inversin
UniProt Protein Name	Inversin
UniProt Gene Name	INVS
UniProt Synonym Gene Names	INV; NPHP2

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/nephronophthisis-2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145059>