Product Datasheet

NPHP1 antibody

Catalog No: #39091

Package Size: #39091-1 50ul #39091-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

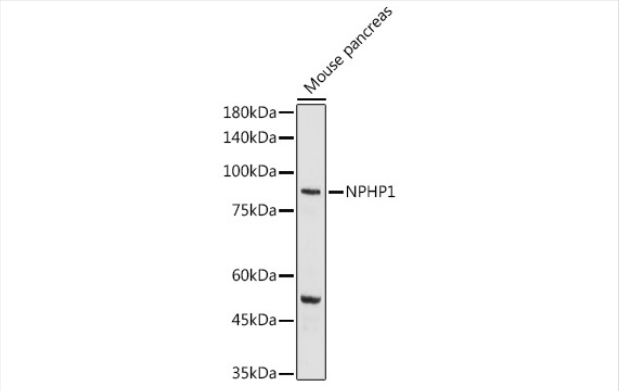
Description

Product Name	NPHP1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total NPHP1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human NPHP1 (NP_001121651.1).
Target Name	NPHP1
Other Names	NPHP1;JBTS4;NPH1;SLSN1
Accession No.	Uniprot:O15259GeneID:4867
SDS-PAGE MW	83KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

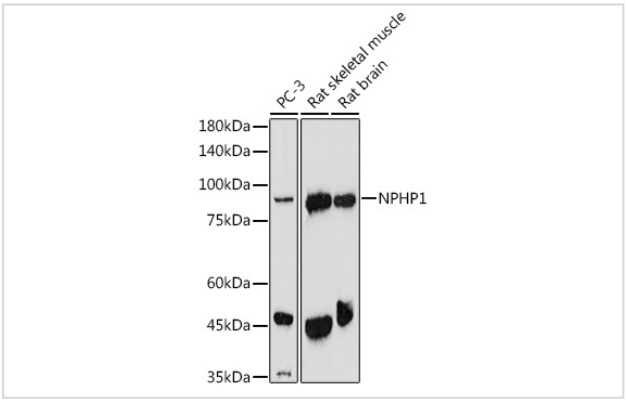
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

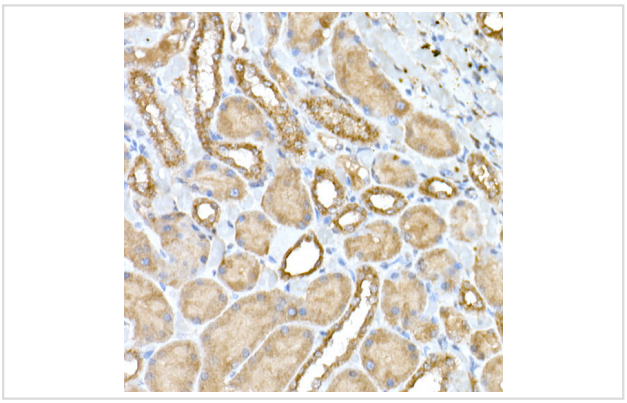
Images



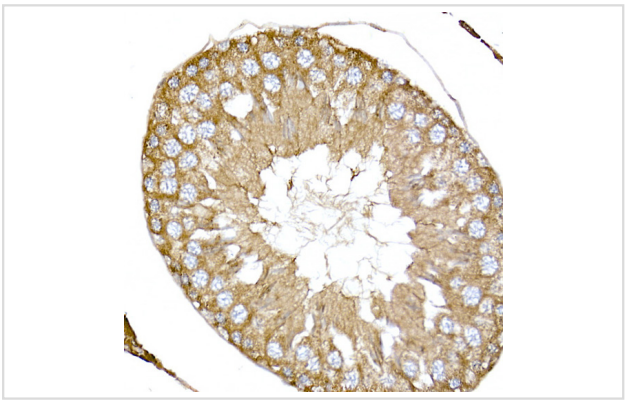
Western blot analysis of extracts of Mouse pancreas, using NPHP1 antibody.



Western blot analysis of extracts of various cell lines, using NPHP1 antibody.



Immunohistochemistry of paraffin-embedded rat kidney using NPHP1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded rat testis using NPHP1 Rabbit pAb.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.