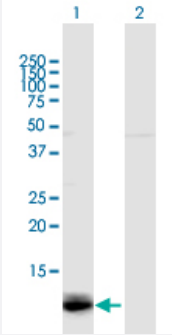
MaxPab®

NPHP1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00004867-B01 Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NPHP1 expression in transfected 293T cell line (H00004867-T01) by NPHP1 MaxPab polyclonal antibody.

Lane 1: NPHP1 transfected lysate(13.31 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NPHP1 protein.
Immunogen	NPHP1 (NP_997064.1, 1 a.a. ~ 121 a.a) full-length human protein.
Sequence	MLARRQRDPLQALRRRNQELKQQVDSLLSESQLKEALEPNKRQHIYQRCIQLKQAIDENKNALQK LSKADESAPVANYNQRKEEEHTLLDKLTQQLQGLAVTISRENITEYASFLPFFFLF
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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  Protocol Download

Gene Info — NPHP1

Entrez GeneID	4867
GeneBank Accession#	NM_207181.1
Protein Accession#	NP_997064.1
Gene Name	NPHP1
Gene Alias	FLJ97602, JBTS4, NPH1, SLSN1
Gene Description	nephronophthisis 1 (juvenile)
Omim ID	256100 266900 607100 609583
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein with src homology domain 3 (SH3) patterns. This protein interacts wi th Crk-associated substrate, and it appears to function in the control of cell division, as well as in c ell-cell and cell-matrix adhesion signaling, likely as part of a multifunctional complex localized in ac tin- and microtubule-based structures. Mutations in this gene cause familial juvenile nephronophthi sis type 1, a kidney disorder involving both tubules and glomeruli. Defects in this gene are also as sociated with Senior-Loken syndrome type 1, also referred to as juvenile nephronophthisis with L eber amaurosis, which is characterized by kidney and eye disease, and with Joubert syndrome ty pe 4, which is characterized by cerebellar ataxia, oculomotor apraxia, psychomotor delay and neo natal breathing abnormalities, sometimes including retinal dystrophy and renal disease. Multiple tr anscript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	nephrocystin-1

Disease

- Abnormalities
- Cerebellar Ataxia
- Genetic Predisposition to Disease
- Hyperparathyroidism
- Kidney Diseases
- Mental Retardation
- Syndrome