MaxPab®

NPHS1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004868-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NPHS1 protein.
Immunogen	NPHS1 (AAI56196.1, 1 a.a. ~ 1241 a.a) full-length human protein.
Sequence	MALGTTLRASLLLLGLLTEGLAQLAIPASVPRGFWALPENLTVVEGASVELRCGVSTPGSAVQWA KDGLLLGPDPRIPGFPRYRLEGDPARGEFHLHIEACDLSDDAEYECQVGRSEMGPELVSPRVILSI LVPPKLLLLTPEAGTMVTWVAGQEYVVNCVSGDAKPAPDITILLSGQTISDISANVNEGSQQKLFT VEATARVTPRSSDNRQLLVCEASSPALEAPIKASFTVNVLFPPGPPVIEWPGLDEGHVRAGQSLE LPCVARGGNPLATLQWLKNGQPVSTAWGTEHTQAVARSVLVMTVRPEDHGAQLSCEAHNSVS AGTQEHGITLQVTFPPSAIIILGSASQTENKNVTLSCVSKSSRPRVLLRWWLGWRQLLPMEETVMD GLHGGHISMSNLTFLARREDNGLTLTCEAFSEAFTKETFKKSLILNVKYPAQKLWIEGPPEGQKLR AGTRVRLVCLAIGGNPEPSLMWYKDSRTVTESRLPQESRRVHLGSVEKSGSTFSRELVLVTGPS DNQAKFTCKAGQLSASTQLAVQFPPTNVTILANASALRPGDALNLTCVSVSSNPPVNLSWDKEG ERLEGVAAPPRRAPFKGSAAARSVLLQVSSRDHGQRVTCRAHSAELRETVSSFYRLNVLYRPEF LGEQVLVVTAVEQGEALLPVSVSANPAPEAFNWTFRGYRLSPAGGPRHRILSSGALHLWNVTRA DDGLYQLHCQNSEGTAEARLRLDVHYAPTIRALQDPTEVNVGGSVDIVCTVDANPILPGMFNWER LGEDEEDQSLDDMEKISRGPTGRLRIHHAKLAQAGAYQCIVDNGVAPPARRLLRLVVRFAPQVEH PTPLTKVAAAGDSTSSATLHCRARGVPNIVFTWTKNGVPLDLQDPRYTEHTYHQGGVHSSLLTIAN VSAAQDYALFTCTATNALGSDQTNIQLVSISRPDPPSGLKVVSLTPHSVGLEWKPGFDGGLPQRF CIRYEALGTPGFHYVDVVPPQATTFTLTGLQPSTRYRVWLLASNALGDSGLADKGTQLPITTPGLH QPSGEPEDQLPTEPPSGPSGLPLLPVLFALGGLLLLSNASCVGGVLWQRRLRRLAEGISEKTEA GSEEDRVRNEYEESQWTGERDTQSSTVSTTEAEPYYRSLRDFSPQLPPTQEEVSYSRGFTGEDE DMAFPGHLYDEVERTYPPSGAWGPLYDEVQMGPWDLHWPEDTYQDPRGIYDQVAGDLDTLEP DSLPFELRGHLV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

Gene Info — NPHS1

Entrez GeneID	4868
GeneBank Accession#	BC156195.1
Protein Accession#	AAI56196.1
Gene Name	NPHS1
Gene Alias	CNF, NPHN
Gene Description	nephrosis 1, congenital, Finnish type (nephrin)
Omim ID	256300 602716
Gene Ontology	Hyperlink
Gene Summary	Nephrin is a kidney glomerular filtration barrier protein that is an essential component of the interp odocyte-spanning slit diaphragm. Mutations in the nephrin gene are associated with congenital ne phrotic syndrome (NPHS1; MIM 256300).[supplied by OMIM
Other Designations	nephrin|renal glomerulus-specific cell adhesion receptor

Disease

- Cardiovascular Diseases
- Chronic Disease
- Diabetes
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Edema

- Genetic Predisposition to Disease
- Glomerulonephritis
- Hematuria
- Hyperparathyroidism
- Hypertension
- Kidney Diseases
- Kidney Failure
- Nephrosis
- Nephrotic Syndrome
- Proteinuria