

NPHS1 rabbit monoclonal antibody

Catalog # H00004868-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NPHS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NPHS1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NPHS1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NPHS1

Entrez GeneID	4868
GeneBank Accession#	NPHS1
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 interpodocyte-spanning slit diaphragm. Mutations in the nephrin gene are associated with congenital nephrotic syndrome (NPHS1; MIM 256300).[supplied by OMIM]
Other Designations	nephrin renal glomerulus-specific cell adhesion receptor

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