

Anti-NPHS1 antibody (1019-1241) (STJ24794)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

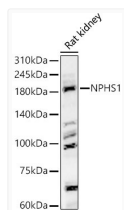
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 135kDa Observed Mw: 130kDa/180kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

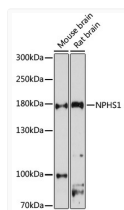
Gene ID	4868
Gene Symbol	NPHS1
UniProt ID	NPHN_HUMAN
Immunogen Region	1019-1241
Immunogen Sequence	LGDSGLADKGTQLPITTPGL HQPSGEPEDQLPTEPPSGPS GLPLLVLFAFGGLLLLSNA SCVGGVLWQRRRLRLAEGIS EKTEAGSEEDRVNRNEYEESQ WTGERDTSSTVSTTEAEPY YRSLRDFSPQLPPTQEEVSY SRGFTGEDEDMAFPGHLYDE VERTYPPSGAWGPLYDEVQM GPWDLHWPEDTYQDPRGIYD QVAGDLDTLEPDSLPELRLG HLV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1019-1241 of human NPHS1 (NP_004637.1).

ADDITIONAL INFORMATION

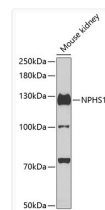
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of lysates from Rat kidney, using NPHS1 Rabbit polyclonal antibody (STJ24794) at 1:600 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of various lysates using NPHS1 Rabbit polyclonal antibody (STJ24794) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of lysates from mouse kidney, using NPHS1 Rabbit polyclonal antibody (STJ24794) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.