

## CAB21985

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### Product Information

<b>Product SKU:</b> CAB21985	<b>Gene ID:</b> 4868	<b>Size:</b> 20uL, 100uL
<b>Clone No:</b> -	<b>Host Species:</b> Rabbit	<b>Reactivity:</b> Human

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### Additional Information

<b>Observed MW:</b> 200kDa	<b>Conjugate:</b> Unconjugated
<b>Calculated MW:</b> 135kDa	<b>Isotype:</b> IgG

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### Immunogen Information

**Background:** This gene encodes a member of the immunoglobulin family of cell adhesion molecules that functions in the glomerular filtration barrier in the kidney. The gene is primarily expressed in renal tissues, and the protein is a type-1 transmembrane protein found at the slit diaphragm of glomerular podocytes. The slit diaphragm is thought to function as an ultrafilter to exclude albumin and other plasma macromolecules in the formation of urine. Mutations in this gene result in Finnish-type congenital nephrosis 1, characterized by severe proteinuria and loss of the slit diaphragm and foot processes.

**Recommended Dilution:** WB, 1:500 - 1:1000

**Synonyms:** CNF; NPHN; nephrin; [KD Validated] NPHS1

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1019-1241 of human NPHS1 (NP\_004637.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.