

# KIRREL Rabbit pAb

Catalog No.: A14283

## Basic Information

### Observed MW

83kDa

### Calculated MW

84kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse, Rat

## Background

NEPH1 is a member of the nephrin-like protein family, which includes NEPH2 (MIM 607761) and NEPH3 (MIM 607762). The cytoplasmic domains of these proteins interact with the C terminus of podocin (NPHS2; MIM 604766), and the genes are expressed in kidney podocytes, cells involved in ensuring size- and charge-selective ultrafiltration (Sellin et al., 2003 [PubMed 12424224]).

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

55243

### Swiss Prot

Q96J84

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 17-200 of human KIRREL (NP\_060710.3).

### Synonyms

NEPH1; KIRREL; NPHS23

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

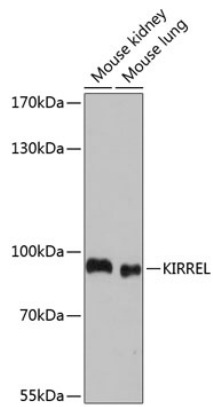
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using KIRREL Rabbit pAb (A14283) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.