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anti-KIRREL antibody (C-Term)





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Background:

Quantity:	400 μL	
Target:	KIRREL (NEPH1)	
Binding Specificity:	AA 505-534, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This KIRREL antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 505-534 amino acids from the C-terminal region of human KIRREL.	
Clone:	RB41570	
Isotype:	lg Fraction	
Predicted Reactivity:	M, Rat	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	KIRREL (NEPH1)	
Alternative Name:	KIRREL (NEPH1 Products)	

NEPH1 is a member of the nephrin-like protein family, which includes NEPH2 (MIM 607761)

Target Details

Molecular Weight:

NCBI Accession:

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]).
83536
NP_060710

UniProt: Q96J84

Pathways: Regulation of Actin Filament Polymerization

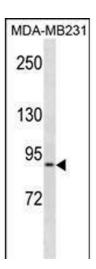
Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Expiry Date:	6 months	



Western Blotting

Image 1. KIRREL Antibody (C-term) (ABIN1881479 and ABIN2838832) western blot analysis in MDA-M cell line lysates ($35\,\mu g$ /lane).This demonstrates the KIRREL antibody detected the KIRREL protein (arrow).