



# KIRR1 rabbit pAb

Cat No.:ES11762

For research use only

## Overview

<b>Product Name</b>	KIRR1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein AA range: 166-216
<b>Specificity</b>	KIRR1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Kin of IRRE-like protein 1 (Kin of irregular chiasm-like protein 1) (Nephrin-like protein 1)
<b>Gene Name</b>	KIRREL KIRREL1 NEPH1
<b>Cellular localization</b>	Cell membrane ; Single-pass type I membrane protein . Predominantly located at podocyte slit diaphragm.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	83kD
<b>Human Gene ID</b>	55243
<b>Human Swiss-Prot Number</b>	Q96J84
<b>Alternative Names</b>	
<b>Background</b>	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





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ensuring size- and charge-selective ultrafiltration  
(Sellin et al., 2003 [PubMed 12424224]).[supplied by  
OMIM, Mar 2008],



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