



# KIRR1 Polyclonal Antibody

<b>Catalog No</b>	BYab-07668
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	KIRREL KIRREL1 NEPH1
<b>Protein Name</b>	Kin of IRRE-like protein 1 (Kin of irregular chiasm-like protein 1) (Nephrin-like protein 1)
<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, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	83kD
<b>Cell Pathway</b>	Cell membrane ; Single-pass type I membrane protein . Predominantly located at podocyte slit diaphragm.
<b>Tissue Specificity</b>	Abundantly expressed in kidney. Specifically expressed in podocytes of kidney glomeruli.
<b>Function</b>	function:Plays a significant role in the normal development and function of the glomerular permeability. Signaling protein that needs the presence of TEC kinases to fully trans-activate the transcription factor AP-1.,PTM:Phosphorylation probably regulates the interaction with NSH2.,similarity:Belongs to the immunoglobulin superfamily.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Predominantly located at podocyte slit diaphragm.,subunit:Interacts with NPHS1/nephrin, TJP1/ZO-1 and C-terminus of NPHS2/podocin.,tissue specificity:Abundantly expressed in kidney. Specifically expressed in podocytes of kidney glomeruli.,

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<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 ensuring size- and charge-selective ultrafiltration (Sellin et al., 2003 [PubMed 12424224]).[supplied by OMIM, Mar 2008],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images