

Product datasheet for **TA342364**

KIRREL1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-KIRREL antibody: synthetic peptide directed towards the middle region of human KIRREL. Synthetic peptide located within the following region: FLEVGLERYTVERTNSGSGVLSTLTINNVMEADFQTHYNCTAWNSFGPG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	84 kDa
Gene Name:	kin of IRRE like (Drosophila)
Database Link:	NP_060710 Entrez Gene 55243 Human Q96J84



[View online »](#)

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]). [supplied by OMIM, Mar 2008]. Transcript Variant: This variant (2) lacks two in-frame exons in the 5' coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Gene record to access additional publications. ##Evidence-Data-START## Transcript exon combination :: AK297788.1 [ECO:0000332] ##Evidence-Data-END##

Synonyms:

NEPH1

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-KIRREL Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive
Control: HepG2 cell lysate