

Rabbit KIRREL3 Polyclonal Antibody | anti-KIRREL3 antibody

KIRREL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40560	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

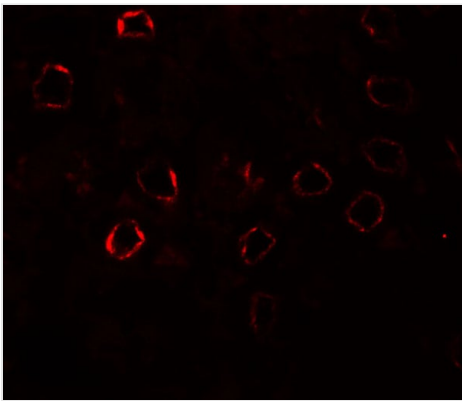
PRODUCT SYNONYMS

KIRREL3; Polyclonal Antibody; KIRREL3 Antibody; Kin of irregular chiasm-like protein 3; Kin of IRRE-like protein 3; MRD4; KIRRE; NEPH2; PRO4502; Nephlin-like protein 2; kin of IRRE like 3 (Drosophila); anti-KIRREL3 antibody

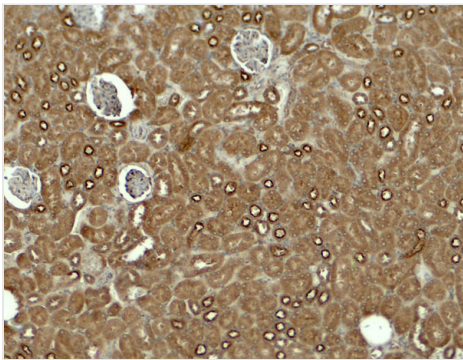
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KIRREL3 antibody is human, mouse and rat reactive. At least two isoforms are known to exist; this antibody will detect both isoforms. KIRREL3 antibody is predicted to not cross-react with other members of the KIRREL protein family.
Purity/Purification	KIRREL3 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	778
Applicable Applications for anti-KIRREL3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	KIRREL3 antibody was raised against a 19 amino acid peptide near the amino terminus of human KIRREL3.
Buffer	KIRREL3 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

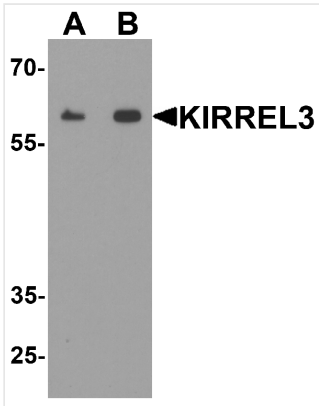
IMAGES



IF (Immunofluorescence)
Immunofluorescence of KIRREL3 in mouse kidney tissue with KIRREL3 antibody at 20 μ g/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of KIRREL3 in mouse kidney tissue with KIRREL3 antibody at 5 μ g/ml.



WB (Western Blot)
Western blot analysis of KIRREL3 in mouse kidney tissue lysate with KIRREL3 antibody at (A) 1 and (B) 2 μ g/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-KIRREL3 antibody	KIRREL3, also known as nephrin-like protein 2, is a type I transmembrane protein belonging to a family of three podocin interacting proteins and the immunoglobulin superfamily (1). KIRREL3 is involved in the regulation of both glomerular and neural development (2), and more specifically, the nucleogenesis of the pontine nuclei in the developing hindbrain (3). KIRREL3 has also been shown to interact with the synaptic scaffold protein calmodulin-associated serine/threonine kinase (CASK) in neuronal cells (4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26006461
NCBI GeneID	84623
NCBI Accession #	NP_115920
NCBI GenBank Nucleotide #	NM_032531.3
UniProt Accession #	Q8IZU9; Q3MIJ7; Q6UWJ9; Q6UWL5; Q96JG0
Molecular Weight	Predicted: 64; 84 kDa Observed: 60 kDa
NCBI Official Full Name	kin of IRRE-like protein 3 isoform 1
NCBI Official Synonym Full Names	kin of IRRE like 3 (Drosophila)

NCBI Official Symbol	KIRREL3
NCBI Official Synonym Symbols	MRD4; KIRRE; NEPH2; PRO4502
NCBI Protein Information	kin of IRRE-like protein 3; nephrin-like 2; nephrin-like protein 2; kin of irregular chiasm-like protein 3
UniProt Protein Name	Kin of IRRE-like protein 3
UniProt Gene Name	KIRREL3
UniProt Synonym Gene Names	KIAA1867; NEPH2
UniProt Entry Name	KIRR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kirrel3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40560>