

DNAxPAb

Hard-to-Find  
Antibody

# KIRREL3 DNAxPab

Catalog # H00084623-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human KIRREL3 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence                | MKPFQLDLLFVCFFLFSQELGLQKRGCCCLVLGYMAKDKFRRMNEGQVYSFSQQPQDQVVVSGQ<br>PVTLLCAIPEYDGFVLWIKDGLALGVGRDLSSYPQYL VVGNHLSGEHHLKILRAELQDDAVYECQAI<br>QAAIRSRPARLTVLPDPDPVILGGPVISLRAGDPLNLTCHADNAKPAASIIWLKGEVINGATYSKT<br>LLRDGKRESIVSTLFISPGDVENGQSIVCRATNKAIPGGKETSVTIDIQHPPLVNLVSEPQPVLEDNV<br>VTFHCSAKANPAVTQYRWAKRGQIIKEASGEVYRTTVDYTYFSEPVSCVETNALGSTNLSRTVDVY<br>FGPRMTTEPQSLLVDLGSDAIFSCAWTGNPSLTIVWMKRGSGVVL SNEKTLTLKSVRQEDAGKY<br>VCRAVVPRVGAGEREVT LTVNGPPIISSTQTQHALHGEKGQIKCFIRSTPPPDRIAWSWKENVLES<br>GTSGRYTVE TISTEEGVISTLTISNIVRADFQTIYNCTAWNSFGSDTEIIRLKEQGSEMKGSGAGLEAES<br>VPMAVIIGVAVGAGVAFLVLMATIVAFCCARSQRNLKGVSASKNDIRVEIMHKEPASGREGEEHSTI<br>KQLMMDRGEFQQDSVLKQLEVLKEEEKEFQNLKDPTNGYYSVNTFKEHHSTPTISLSSCQPDLR<br>PAGKQRVPTGMSFTNIYSTLSGQGRLYDYGQRFVLGMGSSSIELCEREFQRGSLSDSSSFLDTQC<br>DSSVSSSGKQDGYVQFDKASKASASSSHHSQSSSQNSDPSRPLQRRMQTHV |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — KIRREL3

**Entrez GeneID** [84623](#)

**GeneBank Accession#** [NM\\_032531.2](#)

**Protein Accession#** [NP\\_115920.1](#)

**Gene Name** KIRREL3

**Gene Alias** KIAA1867, KIRRE, MGC126824, MGC126850, NEPH2, PRO4502

**Gene Description** kin of IRRE like 3 (Drosophila)

**Omim ID** [607761](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the nephrin-like protein family. These proteins are expressed in fetal and adult brain, and also in podocytes of kidney glomeruli. The cytoplasmic domains of these proteins interact with the C-terminus of podocin, also expressed in the podocytes, cells involved in ensuring size- and charge-selective ultrafiltration. Mutations in this gene are associated with mental retardation autosomal dominant type 4 (MRD4). Alternatively spliced transcript variants encoding different isoforms have been found for this gene

**Other Designations** kin of IRRE like 3

## Disease

- [Tobacco Use Disorder](#)