

KIRREL3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54653**Specification**

KIRREL3 Polyclonal Antibody - Product Information

| | |
|-------------------|------------------------|
| Application | FC |
| Primary Accession | Q8IZU9 |
| Reactivity | Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 85255 |

KIRREL3 Polyclonal Antibody - Additional Information**Gene ID** 84623**Other Names**

Kin of IRRE-like protein 3, Kin of irregular chiasm-like protein 3, Nephrin-like protein 2, Processed kin of IRRE-like protein 3, KIRREL3 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=23204)
target="_blank">HGNC:23204)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KIRREL3 Polyclonal Antibody - Protein Information**Name** KIRREL3 ([HGNC:23204](#))**Function**

Synaptic adhesion molecule required for the formation of target-specific synapses. Required for formation of target-specific synapses at hippocampal mossy fiber synapses. Required for formation of mossy fiber filopodia, the synaptic structures connecting dentate granule and GABA neurons. Probably acts as a homophilic adhesion molecule that promotes trans-cellular interactions and stabilize mossy fiber filopodia contact and subsequent synapse formation. Required for the coalescence of vomeronasal sensory neuron axons. May be involved in the hematopoietic supportive capacity of stroma cells; the secreted extracellular domain is directly responsible for supporting hematopoietic stem cells.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

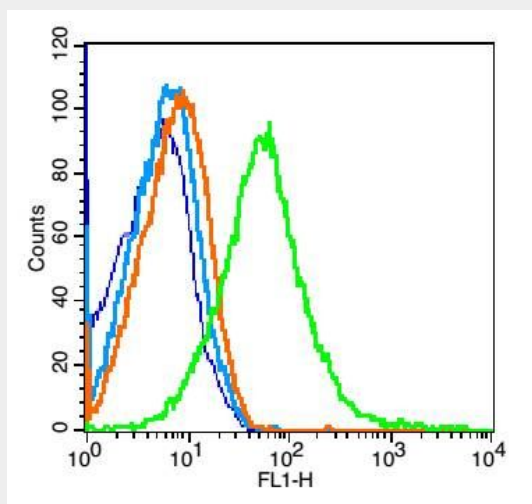
Expressed in fetal and adult brain (PubMed:19012874). Also expressed in kidney, specifically in podocytes of kidney glomeruli (PubMed:12424224). Also expressed in skeletal muscle (PubMed:25488023).

KIRREL3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KIRREL3 Polyclonal Antibody - Images



Blank control(blue):Mouse nephrocytes (fixed with 2% paraformaldehyde (10 min)).

Primary Antibody:Rabbit Anti- KIRREL3 antibody(bs-11864R), Dilution: 1 μ g in 100 μ L 1X PBS containing 0.5% BSA;

Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions);

Secondary Antibody: Goat anti-rabbit IgG-PE(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.