

Rabbit anti-Human KIRREL3 Polyclonal Antibody | anti-KIRREL3 antibody

KIRREL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235031	Rabbit	Human	Immunofluorescence, ELISA

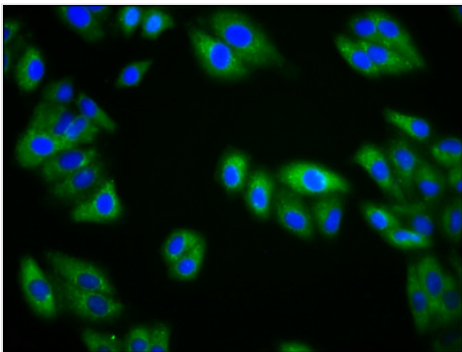
PRODUCT SYNONYMS

KIRREL3; Polyclonal Antibody; KIRREL3 Antibody; Kin of IRRE-like protein 3 (Kin of irregular chiasm-like protein 3) (Nephrin-like protein 2) [Cleaved into: Processed kin of IRRE-like protein 3]; KIAA1867 NEPH2; anti-KIRREL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	600
Applicable Applications for anti-KIRREL3 antibody	IF (Immunofluorescence), ELISA
Immunogen	Recombinant Human Kin of IRRE-like protein 3 protein (200-343AA)
Immunogen Species	Homo sapiens (Human).
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with AAA235031 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

ADDITIONAL INFORMATION

Related Product Information for anti-KIRREL3 antibody	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 filipodia 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.
Product Categories/Family for anti-KIRREL3 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	2397877787
NCBI GeneID	84623
NCBI Accession #	NP_001155179.1
NCBI GenBank Nucleotide #	NM_001161707.1
UniProt Accession #	Q8IZU9; Q3MIJ7; Q6UWJ9; Q6UWL5; Q96JG0
NCBI Official Full Name	kin of IRRE-like protein 3 isoform 2
NCBI Official Synonym Full Names	kirre like nephrin family adhesion molecule 3
NCBI Official Symbol	KIRREL3
NCBI Official Synonym Symbols	MRD4; KIRRE; NEPH2; PRO4502
NCBI Protein Information	kin of IRRE-like protein 3
UniProt Protein Name	Kin of IRRE-like protein 3
UniProt Gene Name	KIRREL3

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.