

Rabbit KIR3.1 Polyclonal Antibody | anti-KIR3.1 antibody

KIR3.1 Polyclonal Antibody

CATALOG # AAA295123	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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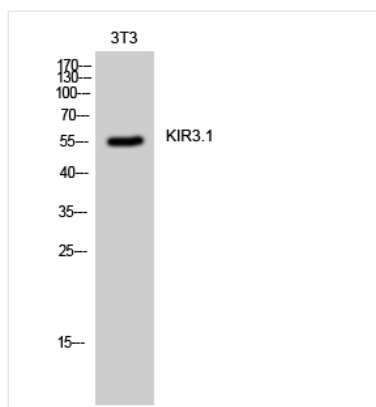
PRODUCT SYNONYMS

KIR3.1; Polyclonal Antibody; KIR3.1 Polyclonal Antibody; KCNJ3; GIRK1; G protein-activated inward rectifier potassium channel 1; GIRK-1; Inward rectifier K (+) channel Kir3.1; Potassium channel; inwardly rectifying subfamily J member 3; anti-KIR3.1 antibody

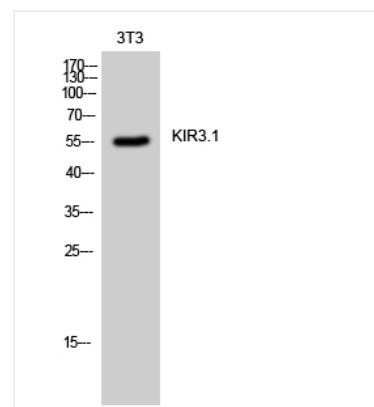
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-KIR3.1 antibody	IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-KIR3.1 antibody

This potassium channel is controlled by G proteins. Inward rectifier potassium channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium; as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. This receptor plays a crucial role in regulating the heartbeat.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386781846
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NCBI GeneID	3760
NCBI Accession #	NP_001247437.1
NCBI GenBank Nucleotide #	NM_001260508.1
UniProt Accession #	P48549; Q8TBI0; B4DEW7
Molecular Weight	56,603 Da
NCBI Official Full Name	G protein-activated inward rectifier potassium channel 1 isoform 2
NCBI Official Synonym Full Names	potassium inwardly-rectifying channel, subfamily J, member 3
NCBI Official Symbol	KCNJ3
NCBI Official Synonym Symbols	KGA; GIRK1; KIR3.1
NCBI Protein Information	G protein-activated inward rectifier potassium channel 1; GIRK-1; inward rectifier K+ channel KIR3.1; inward rectifier K(+) channel Kir3.1; potassium channel, inwardly rectifying subfamily J member 3; potassium inwardly-rectifying channel subfamily J memb
UniProt Protein Name	G protein-activated inward rectifier potassium channel 1
UniProt Gene Name	KCNJ3
UniProt Synonym Gene Names	GIRK1; GIRK-1
UniProt Entry Name	IRK3_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/kir31-antibody-immunofluorescence-western-blot-elisa/295123>