

Rabbit Kir3.1 Polyclonal Antibody | anti-Kir3.1 antibody

Anti-Kir3.1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA292824	Rabbit	Human, Mouse, Rat, Chicken, Bovine	Immunofluorescence, Western Blot

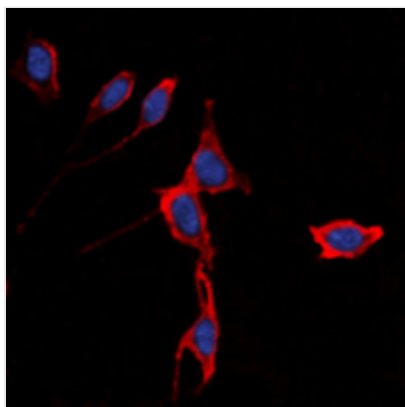
PRODUCT SYNONYMS

Kir3.1; Polyclonal Antibody; Anti-Kir3.1 Antibody; 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

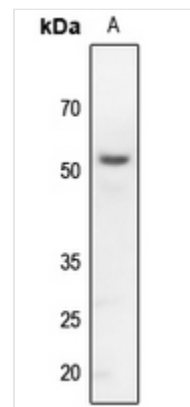
Host	Rabbit
Reactivity	Human, Mouse, Rat, Chicken, Bovine
Clonality	Polyclonal
Applicable Applications for anti-Kir3.1 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Dilution: IF WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) Immunofluorescent analysis of Kir3.1 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) Western blot analysis of Kir3.1 expression in mouse brain (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-Kir3.1 antibody	Rabbit polyclonal antibody to Kir3.1 KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kir3.1. The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386781846
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://stage.aaabiotech.com/polyclonal/kir31-antibody-immunochemistry-immunofluorescence-western-blot-elisa/292824>