

Rabbit Kir3.1 Polyclonal Antibody | anti-KCNJ3 antibody

Anti-Kir3.1 (pS185) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260878	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Monkey	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

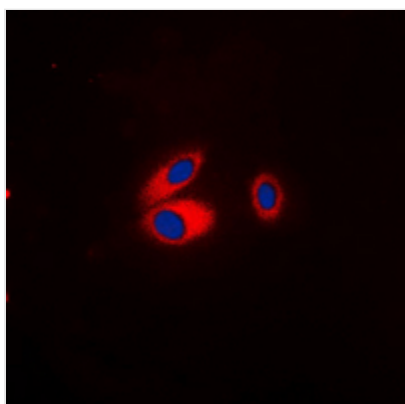
PRODUCT SYNONYMS

Kir3.1; Polyclonal Antibody; Anti-Kir3.1 (pS185) Phospho 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-KCNJ3 antibody

PRODUCT SPECIFICATIONS

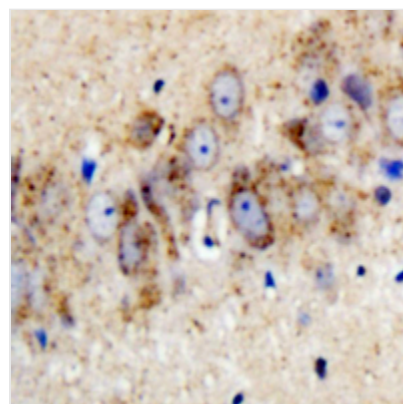
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Kir3.1 (pS185) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	501
Applicable Applications for anti-KCNJ3 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kir3.1. The exact sequence is proprietary.
Preparation and Storage	Shipped and store at 4 degree C for one year. Do not freeze.

IMAGES



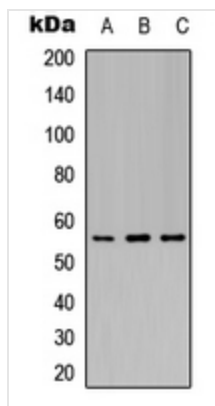
IF (Immunofluorescence)

Immunofluorescent analysis of Kir3.1 (pS185) staining in A549 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 °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).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Kir3.1 (pS185) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Kir3.1 (pS185) expression in A549 (A), Raw264.7 (B), COS7 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KCNJ3 antibody

Rabbit polyclonal antibody to Kir3.1 (pS185)

NCBI AND UNIPROT INFORMATION

NCBI GI #	1352482
NCBI GeneID	3760
UniProt Accession #	P48549; Q8TBI0; B4DEW7
Molecular Weight	26,829 Da
NCBI Official Full Name	G protein-activated inward rectifier potassium channel 1
NCBI Official Synonym Full Names	potassium voltage-gated 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
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	KCNJ3_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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260878>