

Rabbit GIRK1/KIR3.1/KCNJ3 Polyclonal Antibody | anti-GIRK1/KIR3.1/KCNJ3 antibody

GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316393	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

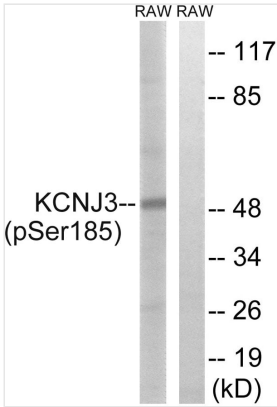
PRODUCT SYNONYMS

GIRK1/KIR3.1/KCNJ3; Polyclonal Antibody; GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) Antibody; G protein-activated inward rectifier potassium channel 1; IRK3; Inward rectifier K channel Kir3.1; KCNJ3; Kir3.1; Potassium channel; inwardly rectifying; subfamily J; member 3; anti-GIRK1/KIR3.1/KCNJ3 antibody

PRODUCT SPECIFICATIONS

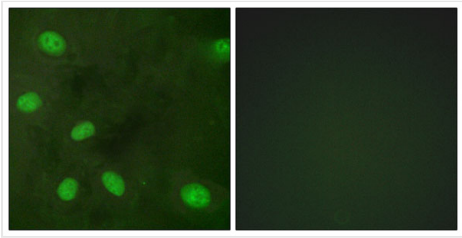
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) Antibody detects endogenous levels of GIRK1/KIR3.1/KCNJ3 only when phosphorylated at Ser185.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	235
Applicable Applications for anti-GIRK1/KIR3.1/KCNJ3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S185; M:S185; R:S185
Immunogen	The antiserum was produced against synthesized peptide derived from human GIRK1/KIR3.1/KCNJ3 around the phosphorylation site of Ser185.
Immunogen Range	151-200
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



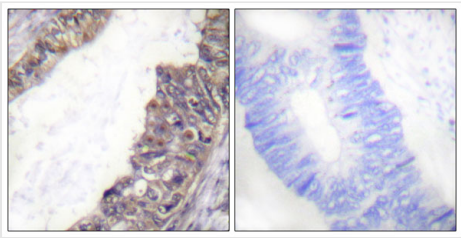
WB (Western Blot)

Western blot analysis of lysates from RAW264.7 cells treated with Insulin 0.01U/ml 15', using GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) Antibody. The lane on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) Antibody. The picture on the right is blocked with the phospho peptide.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) Antibody. The picture on the right is blocked with the phospho peptide.

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	42 kDa
NCBI Official Full Name	G protein-activated inward rectifier potassium channel 1 isoform 2
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

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.

