

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

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

CATALOG # AAA267570	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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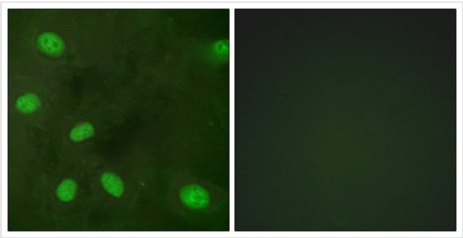
PRODUCT SYNONYMS

GIRK1/KIR3.1/KCNJ3; 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-KCNJ3 antibody

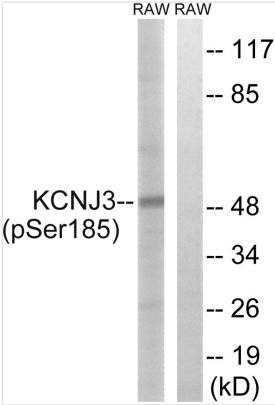
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) antibody detects endogenous levels of GIRK1/KIR3.1/KCNJ3 only when phosphorylated at serine 185.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	235
Applicable Applications for anti-KCNJ3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human GIRK1/KIR3.1/KCNJ3 around the phosphorylation site of serine 185 (K-M-SP-Q-P).
All Sites	Human: Ser185 Mouse: Ser185 Rat: Ser185
Preparation and Storage	Store at -20 degree C for 1 year.

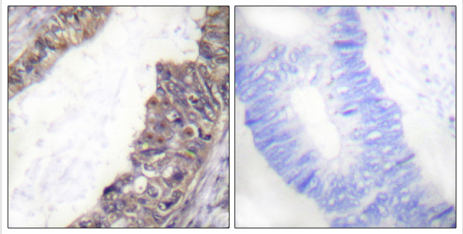
IMAGES



IF (Immunofluorescence)
P-peptide-+ Immunofluorescence analysis of HeLa cells, using GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) antibody. Western blot analysis of extracts from RAW264.7 cells, treated with Insulin (0.01U/ml, 15mins), using GIRK1/KIR3.1/KCNJ3 (Phospho-Ser185) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

References	Chan K.W., J. Gen. Physiol. 107:381-397(1996). Schoots O., Brain Res. Mol. Brain Res. 39:23-30(1996). The MGC Project Team; Genome Res. 14:2121-2127(2004).
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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	26,829 Da
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

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/human-mouse-rat-antibody/girk1-kir3-1-kcnj3/267570>