

Rabbit anti-Human Kir5.1 Polyclonal Antibody | anti-Kir5.1 antibody

Kir5.1 (Ab-416) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307685	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Kir5.1; Polyclonal Antibody; Kir5.1 (Ab-416) Antibody; Inward rectifier K channel Kir5.1; IRK16; IRKG; KCNJ16; Potassium channel; anti-Kir5.1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Kir5.1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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	1.0 mg/ml (varies by lot)
Sequence Length	418
Applicable Applications for anti-Kir5.1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human Kir5.
Target Name	Kir5.1
Preparation and Storage	Store at -20 degree C

IMAGES



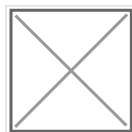
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Kir5.1 (Ab-416) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Kir5.1 (Ab-416) antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using Kir5.1 (Ab-416) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Kir5.1 antibody	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. KCNJ16 may be involved in the regulation of fluid and pH balance.Liu Y., Cytogenet. Cell Genet. 90:60-63(2000).Derst C., FEBS Lett. 491:305-311(2001).
Product Categories/Family for anti-Kir5.1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	394025751
NCBI GeneID	3773
NCBI Accession #	NP_001257351.1
NCBI GenBank Nucleotide #	NM_001270422.1
UniProt Accession #	Q9NPI9
Molecular Weight	47,949 Da
NCBI Official Full Name	inward rectifier potassium channel 16 isoform b
NCBI Official Synonym Full Names	potassium channel, inwardly rectifying subfamily J, member 16
NCBI Official Symbol	KCNJ16
NCBI Official Synonym Symbols	BIR9; KIR5.1
NCBI Protein Information	inward rectifier potassium channel 16
UniProt Protein Name	Inward rectifier potassium channel 16
UniProt Gene Name	KCNJ16
UniProt Entry Name	KCJ16_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/kir51-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307685>