

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

Anti-Kir5.1 (Phospho-S416) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265119	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Kir5.1; Polyclonal Antibody; Anti-Kir5.1 (Phospho-S416) Antibody; anti-Kir5.1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Kir5.1 protein only when phosphorylated at S416.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-Kir5.1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S416 of human Kir5.1 protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



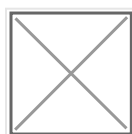
IF (Immunofluorescence)

Immunofluorescent analysis of Kir5.1 (Phospho-S416) staining in HeLa 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Kir5.1 (Phospho-S416) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 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 Kir5.1 (Phospho-S416) expression in HEK293T (A), HuT78 (B), mouse spleen (C), rat spleen (D) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 55 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-Kir5.1 antibody	Rabbit polyclonal antibody to Kir5.1 (Phospho-S416)
Product Categories/Family for anti-Kir5.1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923823
NCBI GeneID	3773
NCBI Accession #	NP_061128.1
NCBI GenBank Nucleotide #	NM_018658.2
UniProt Accession #	Q9NPI9; Q9Z307; P52191
Molecular Weight	47,949 Da
NCBI Official Full Name	inward rectifier potassium channel 16
NCBI Official Synonym Full Names	potassium inwardly-rectifying channel, subfamily J, member 16
NCBI Official Symbol	KCNJ16
NCBI Official Synonym Symbols	BIR9; KIR5.1
NCBI Protein Information	inward rectifier potassium channel 16; inward rectifier K+ channel KIR5.1; inward rectifier K(+) channel Kir5.1; potassium channel, inwardly rectifying subfamily J member 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/kir51-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/265119>