

Rabbit Kv2.1 Polyclonal Antibody | anti-Kv2.1 antibody

Anti-Kv2.1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293319	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

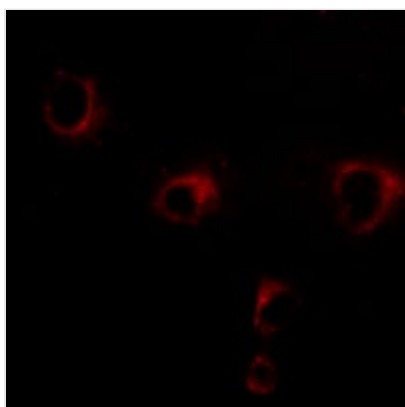
PRODUCT SYNONYMS

Kv2.1; Polyclonal Antibody; Anti-Kv2.1 Antibody; Potassium voltage-gated channel subfamily B member 1; Delayed rectifier potassium channel 1; DRK1; h-DRK1; Voltage-gated potassium channel subunit Kv2.1; anti-Kv2.1 antibody

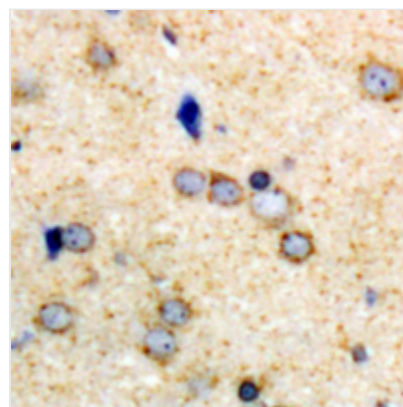
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-Kv2.1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

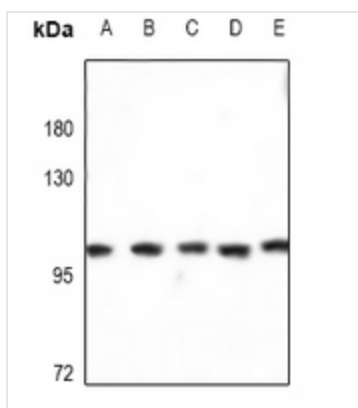
IMAGES


IF (Immunofluorescence)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)


IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200) Immunohistochemical analysis of Kv2.1 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)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200) Western blot analysis of Kv2.1 expression in A375 (A), Panc1 (B), HCT116 (C), CT26 (D), C6 (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-Kv2.1 antibody

Rabbit polyclonal antibody to Kv2.1
KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kv2.1. The exact sequence is proprietary.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826784
NCBI GeneID	3745
NCBI Accession #	NP_004966.1
NCBI GenBank Nucleotide #	NM_004975.2
UniProt Accession #	Q14721; Q14193
Molecular Weight	95,878 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily B member 1
NCBI Official Synonym Full Names	potassium voltage-gated channel, Shab-related subfamily, member 1
NCBI Official Symbol	KCNB1
NCBI Official Synonym Symbols	DRK1; KV2.1; h-DRK1
NCBI Protein Information	potassium voltage-gated channel subfamily B member 1; h-DRK1 K(+) channel; potassium channel protein DRK1; delayed rectifier potassium channel 1; delayed rectifier potassium channel Kv2.1; voltage-gated potassium channel subunit Kv2.1
UniProt Protein Name	Potassium voltage-gated channel subfamily B member 1
UniProt Gene Name	KCNB1
UniProt Synonym Gene Names	DRK1; h-DRK1
UniProt Entry Name	KCNB1_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/kv21-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/293319>