

Kv2.1/KCNB1 Antibody | anti-Kv2.1/KCNB1 antibody

Kv2.1/KCNB1 (Phospho-Ser567) Antibody

CATALOG # AAA267599	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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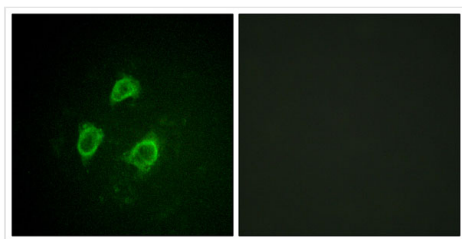
PRODUCT SYNONYMS

Kv2.1/KCNB1; Kv2.1/KCNB1 (Phospho-Ser567) Antibody; DRK1; KCB1; KCNB1; Potassium channel Kv2.1; Potassium voltage-gated channel subfamily B member 1; anti-Kv2.1/KCNB1 antibody

PRODUCT SPECIFICATIONS

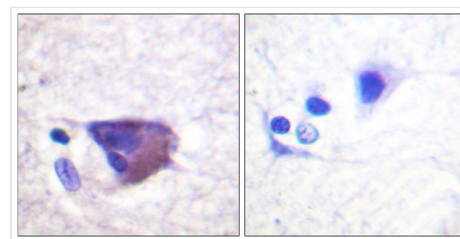
Reactivity	Human, Mouse, Rat
Specificity	Kv2.1/KCNB1 (Phospho-Ser567) antibody detects endogenous levels of Kv2.1/KCNB1 only when phosphorylated at serine 128.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against 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	858
Applicable Applications for anti-Kv2.1/KCNB1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Kv2.1/KCNB1 around the phosphorylation site of serine 128 (P-SP-P-V-A).
All Sites	Human: Ser567 Mouse: Ser567 Rat: Ser567
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using Kv2.1/KCNB1 (Phospho-Ser567) antibody. Immunofluorescence analysis of HepG2 cells, using Kv2.1/KCNB1 (Phospho-Ser567) antibody.



Application Data

P-peptide-+

ADDITIONAL INFORMATION

References	Albrecht B., Recept. Channels 1:99-110(1993). Rae J.L., In) Civan M.M. (eds.); The eye's aqueous humor-from secretion to glaucoma, pp.69-104, Academic Press, San Diego (1998). Deloukas P., Nature 414:865-871(2001).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826784
NCBI GeneID	3745
NCBI Accession #	NP_004966.1
NCBI GenBank Nucleotide #	NM_004975.3
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 subfamily B member 1
NCBI Official Symbol	KCNB1
NCBI Official Synonym Symbols	DRK1; Kv2.1
NCBI Protein Information	potassium voltage-gated channel subfamily B member 1
UniProt Protein Name	Potassium voltage-gated channel subfamily B member 1
UniProt Gene Name	KCNB1
UniProt Synonym Gene Names	h-DRK1

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/kv2-1-kcnb1/267599>