

Kv2.1 Antibody | anti-Kv2.1 antibody

Kv2.1 (Phospho-Ser805) Antibody

CATALOG # AAA109329	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
-------------------------------	--	--

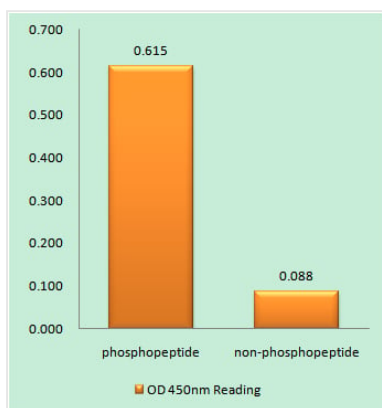
PRODUCT SYNONYMS

Kv2.1; Kv2.1 (Phospho-Ser805) Antibody; DRK1; KCB1; KCNB1; Potassium channel Kv2.1; Potassium voltage-gated channel subfamily B member 1; anti-Kv2.1 antibody

PRODUCT SPECIFICATIONS

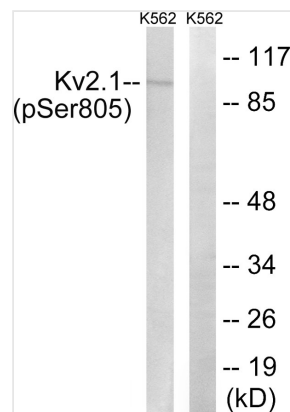
Reactivity	Human, Mouse, Rat
Specificity	Kv2.1 (Phospho-Ser805) antibody detects endogenous levels of Kv2.1 only when phosphorylated at serine 805.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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 antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Kv2.1 around the phosphorylation site of serine 805 (P-T-SP-P-K).
All Sites	Human: Ser805 Mouse: Ser804 Rat: Ser804
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells, treated with TNF (200ng/ml, 30mins), using Kv2.1 (Phospho-Ser805) antibody. Kv2.1 (Phospho-Ser805) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-Kv2.1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Albrecht B., Recept. Channels 1:99-110(1993). Ikeda S.R., Submitted (JAN-1993) to the EMBL/GenBank/DDBJ databases. Deloukas P., Nature 414:865-871(2001).

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/kv2-1/109329>