

Product datasheet for **TA325605**

Kv2.1 (KCNB1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human Kv2.1 around the phosphorylation site of Serine 805
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	96 kDa
Gene Name:	potassium voltage-gated channel subfamily B member 1
Database Link:	NP_004966 Entrez Gene 16500 Mouse Entrez Gene 25736 Rat Entrez Gene 3745 Human Q14721
Background:	Kv2.1 a potassium voltage-gated channel protein of subfamily B. Mediates the voltage-dependent potassium ion permeability of excitable membranes. Channels open or close in response to the voltage difference across the membrane, letting K ions pass in accordance with their electrochemical gradient.



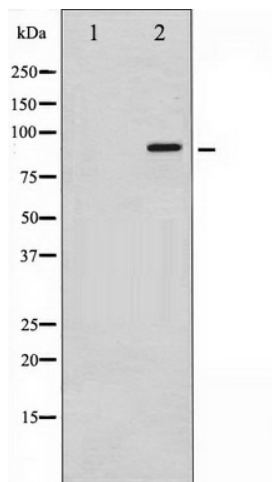
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Synonyms: DRK1; EIEE26; h-DRK1; KV2.1

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

Protein Pathways: Taste transduction

Product images:



Western blot analysis of Kv2.1 phosphorylation expression in TNF treated K562 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.