

Product datasheet for **TA318976**

KCNK2 Rabbit Polyclonal Antibody

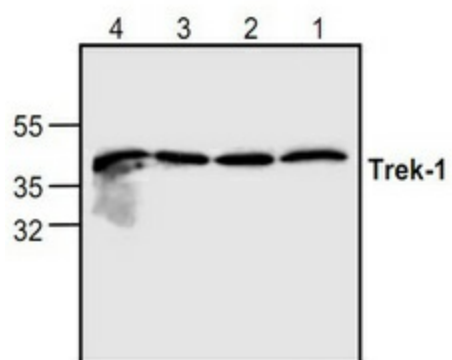
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4 µg/ml
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to residues surrounding amino acids 417 of mouse Trek-1
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit anti-Trek-1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	potassium two pore domain channel subfamily K member 2
Database Link:	NP_001017424 Entrez Gene 16526 Mouse Entrez Gene 170899 Rat Entrez Gene 3776 Human O95069
Background:	Trek-1 and Trek-2 belong to the tandem-pore K ⁺ channel family that has two pore-forming domains and four transmembrane segments. Trek-1 is expressed throughout the central nervous system whereas Trek-2 is found mostly in the cerebellum, spleen and testis. Trek-1 is activated by arachidonic acid and polyunsaturated fatty acids.
Synonyms:	hTREK-1c; hTREK-1e; K2p2.1; TPKC1; TREK; TREK-1; TREK1
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane



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Product images:



Western blot analysis of Trek-1 in Jurkat cell lysates (Lane 1, 2), 3T3 cell lysate (Lane 3), and rat kidney tissue lysate (Lane 4).