



TWIK-2 Polyclonal Antibody

E20-74787

Catalog Number:E20-74787

Amount:100ul

Applications:WB,ELISA

Reactivity:Human

Gene Name:KCNK6

Source:Rabbit

Protein Name:Potassium channel subfamily K member 6

MW (Da):33747

Observed Band(KD):33

Human Gene Id:9424

Human Swiss Prot No:Q9Y257

Storage Stability:-20°C/1 year

Immunogen:Synthesized peptide derived from TWIK-2 . at AA range: 240-320

Specificity:TWIK-2 Polyclonal Antibody detects endogenous levels of TWIK-2 protein.

Formulation:Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Dilution:Western Blot: 1/500 - 1/2000. ELISA: 1/5000 - 1/10000. Not yet tested in other applications.

Purification:The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Other Names:KCNK6; TOSS; TWIK2; Potassium channel subfamily K member 6; Inward rectifying potassium channel protein TWIK-2; TWIK-originated similarity sequence

Background:potassium two pore domain channel subfamily K member 6(KCNK6) Homo sapiens This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. This channel protein, considered an open rectifier, is widely expressed. It is stimulated by arachidonic acid, and inhibited by internal acidification and volatile anaesthetics. [provided by RefSeq, Jul 2008],

Function:Exhibits outward rectification in a physiological K(+) gradient and mild inward rectification in

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symmetrical K(+) conditions.,miscellaneous:Inhibited by internal acidification and, to a small degree, by zinc. Not inhibited by quinine, quinidine or barium.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer .,tissue specificity:Widespread expression, detected in all tissues tested except for skeletal muscle.

Subcellular Location:Location: plasma membrane,voltage-gated potassium channel complex,integral component of membrane.

Expression:Caudate nucleus, Cerebellum, Cornea, Epithelium, Kidney, Lung, Mammary cancer.

