Best Tools for immunology Research

TWIK-3 Polyclonal Antibody

Catalog No :	YT4788
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	TWIK-3
Gene Name :	KCNK7
Protein Name :	Potassium channel subfamily K member 7
Human Gene Id :	10089
Human Swiss Prot No :	Q9Y2U2
Mouse Swiss Prot No :	Q9Z2T1
Immunogen :	Synthesized peptide derived from TWIK-3 . at AA range: 170-250
Specificity :	TWIK-3 Polyclonal Antibody detects endogenous levels of TWIK-3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	32kD

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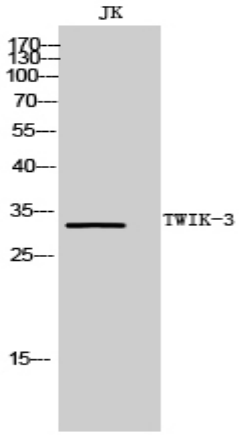
Background : This gene encodes a member of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel; however, it may require other non-pore-forming proteins for activity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],

Function : function:Probable potassium channel subunit. No channel activity observed in vitro as protein remains in the endoplasmic reticulum. May need to associate with an as yet unknown partner in order to reach the plasma membrane.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer .,

Subcellular Location : Membrane ; Multi-pass membrane protein .

Expression : Brain,PCR rescued clones,

Products Images



Western Blot analysis of JK cells using TWIK-3 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000