TWIK-2 Monoclonal Antibody

Catalog No	YP-mAb-16507
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KCNK6
Immunogen	Synthesized peptide derived from TWIK-2 . at AA range: 240-320
Specificity	TWIK-2 Monoclonal Antibody detects endogenous levels of TWIK-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	D7Ertd764e;FLJ12282;Inward rectifying potassium channel protein TWIK 2; Inward rectifying potassium channel protein TWIK-2;K2p6.1;K2P6.1 potassium channel;KCNK6;KCNK6_HUMAN;KCNK8;Potassium channel subfamily K member 6;Potassium channel;subfamily K;member 6 (TWIK 2);member 6;TOSS; TWIK 2;TWIK 2 two pore domain K+ channel;TWIK originated sodium similarity sequence;TWIK-originated similarity sequence;TWIK2;TWIK-2
Observed Band	33kD
Calculated Molecular Weight	33kD
Cell Pathway	Membrane ; Multi-pass membrane protein .
Tissue Specificity	Widespread expression, detected in all tissues tested except for skeletal muscle. Strongest expression in placenta, pancreas, heart, colon and spleen, lower levels detected in peripheral blood leukocytes, lung, liver, kidney and thymus. Lowest expression detected in brain.
Function	function:Exhibits outward rectification in a physiological K(+) gradient and mild inward rectification in 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

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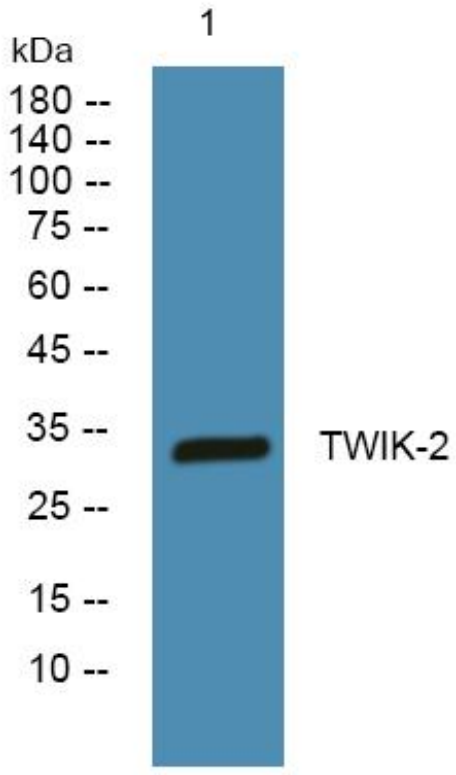
Background	This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. This channel protein, considered an open rectifier, is widely expressed. It is stimulated by arachidonic acid, and inhibited by internal acidification and volatile anaesthetics. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TWIK-2 Monoclonal Antibody