



TALK-2 Monoclonal Antibody

Catalog No	YP-mAb-16500
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KCNK17
Immunogen	The antiserum was produced against synthesized peptide derived from human KCNK17. AA range:271-320
Specificity	TALK-2 Monoclonal Antibody detects endogenous levels of TALK-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	2P domain potassium channel Talk 2;2P domain potassium channel Talk-2;acid sensitive potassium channel protein TASK 4;Acid-sensitive potassium channel protein TASK-4;K2p17.1;KCNK17;KCNKH_HUMAN;Potassium channel subfamily K member 17;Potassium channel;subfamily K;member 17;TALK 2;TALK-2;TALK2;TASK 4;TASK4;TWIK related acid sensitive K(+) channel 4;TWIK related alkaline pH activated K(+) channel 2;TWIK-related acid-sensitive K(+) channel 4;TWIK-related alkaline pH-activated K(+) channel 2;TWIK-related alkaline pH-activated K(+) channel
Observed Band	37-42kD
Calculated Molecular Weight	37-42kD
Cell Pathway	Membrane; Multi-pass membrane protein.
Tissue Specificity	Adrenal gland,Lung,Pancreas,Spleen,
Function	function:Outward rectifying potassium channel. Produces rapidly activating and non-inactivating outward rectifier K(+) currents.,miscellaneous:Inhibited by Ba(2+), quinidine, chloroform and halothane. Activated at alkaline pH. Activated by quinine and isoflurane.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer .,



Background

potassium two pore domain channel subfamily K member 17(KCNK17) Homo sapiens The protein encoded by this gene belongs to the family of potassium channel proteins containing two pore-forming P domains. This channel is an open rectifier which primarily passes outward current under physiological K⁺ concentrations. This gene is activated at alkaline pH. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 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

