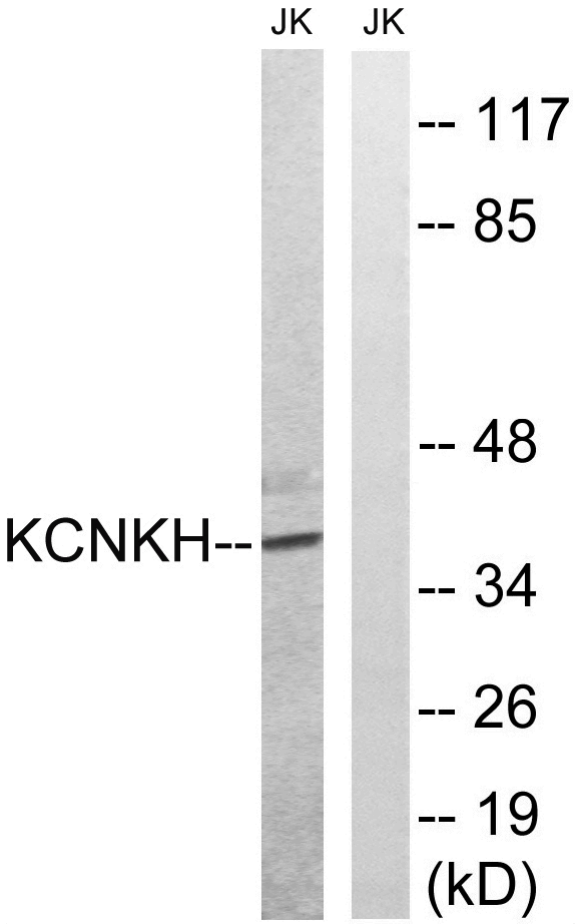
TALK-2 Polyclonal Antibody

Catalog No	YP-Ab-16500
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	KCNK17
Immunogen	The antiserum was produced against synthesized peptide derived from human KCNK17. AA range:271-320
Specificity	TALK-2 Polyclonal Antibody detects endogenous levels of TALK-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
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



Western blot analysis of lysates from Jurkat cells, using KCNK17 Antibody. The lane on the right is blocked with the synthesized peptide.