

Datasheet for ABIN719771
anti-KCNK3 antibody (AA 51-150)

2 Images

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Overview

Quantity:	100 µL
Target:	KCNK3
Binding Specificity:	AA 51-150
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KCNK3
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	KCNK3
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Target Details

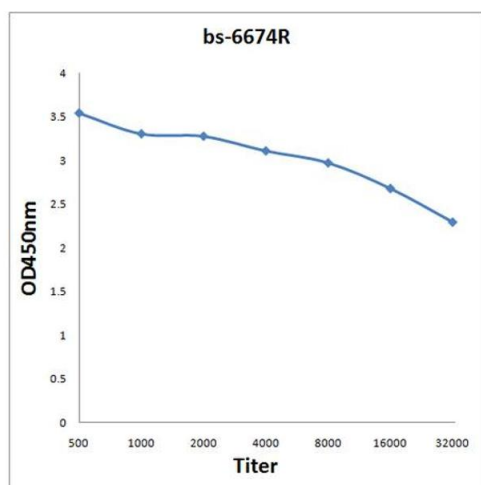
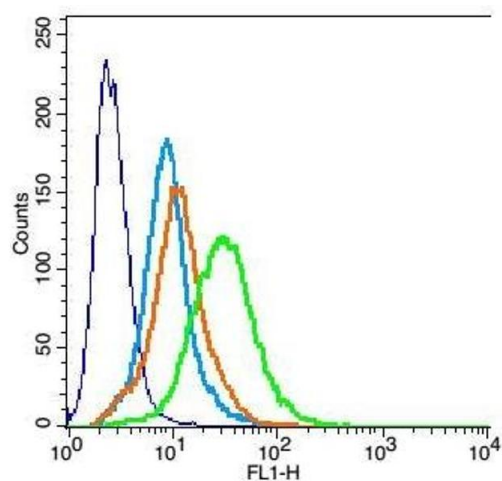
Alternative Name:	KCNK3 (KCNK3 Products)
Background:	<p>Synonyms: OAT1, PPH4, TASK, TBAK1, K2p3.1, TASK-1, Potassium channel subfamily K member 3, Acid-sensitive potassium channel protein TASK-1, TWIK-related acid-sensitive K(+) channel 1, Two pore potassium channel KT3.1, Two pore K(+) channel KT3.1, KCNK3, TASK1</p> <p>Background: pH -dependent, voltage-insensitive, background potassium channel protein.</p> <p>Rectification direction results from potassium ion concentration on either side of the membrane. Acts as an outward rectifier when external potassium concentration is low. When external potassium concentration is high, current is inward.</p>
Gene ID:	3777
UniProt:	O14649

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. H9C2 cells probed with Rabbit Anti-KCNK3 Polyclonal Antibody, Unconjugated at 6ug for 30 minutes followed by incubation with a conjugated secondary -FITC) (green) for 30 minutes compared to control cells (blue), secondary only (light blue) and isotype control (orange).

ELISA

Image 2. Antigen: 0.2 μ g/100 μ L Primary: Antiserum, 1:500, 1:1000, 1:2000, 1:4000, 1:8000, 1:16000, 1:32000; Secondary: HRP conjugated Goat-Anti-Rabbit IgG at 1: 5000; TMB staining; Read the data in MicroplateReader by 450