Datasheet for ABIN7164013

anti-KCNS3 antibody (AA 1-180)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	KCNS3
Binding Specificity:	AA 1-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNS3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Potassium voltage-gated channel subfamily S member 3 protein (1-180AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	KCNS3
Alternative Name:	KCNS3 (KCNS3 Products)
Background:	Background: Potassium channel subunit that does not form functional channels by itself. Can

Target Details

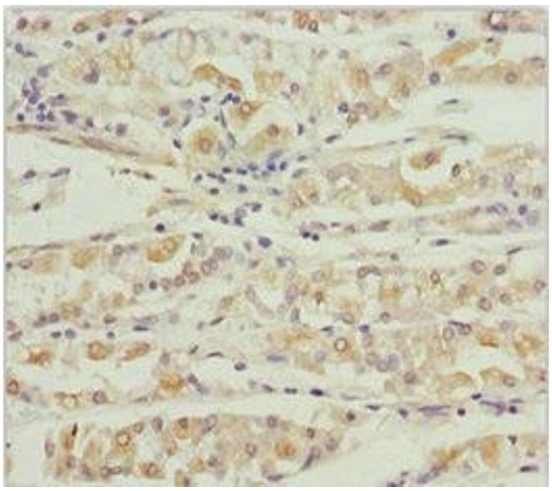
	form functional heterotetrameric channels with KCNB1, modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1 (PubMed:10484328). Heterotetrameric channel activity formed with KCNB1 show increased current amplitude with the threshold for action potential activation shifted towards more negative values in hypoxic-treated pulmonary artery smooth muscle cells (By similarity). Aliases: Delayed rectifier K(+) channel alpha subunit 3 antibody, Delayed rectifier K+ channel alpha subunit 3 antibody, Delayed-rectifier K(+) channel alpha subunit 3 antibody, KCNS 3 antibody, Kcns3 antibody, KCNS3_HUMAN antibody, KV 9.3 antibody, KV9.3 antibody, MGC9481 antibody, Potassium voltage gated channel delayed rectifier protein S3 antibody, Potassium voltage gated channel delayed rectifier subfamily S member 3 antibody, Potassium voltage gated channel subfamily S member 3 antibody, Potassium voltage-gated channel subfamily S member 3 antibody, Shab related delayed rectifier K+ channel alpha subunit 3 antibody, Voltage gated potassium channel subunit Kv9.3 antibody, Voltage-gated potassium channel subunit Kv9.3 antibody
UniProt:	Q9BQ31

Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only

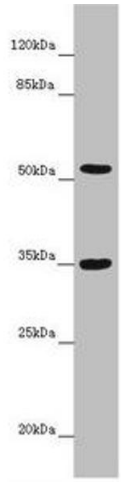
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



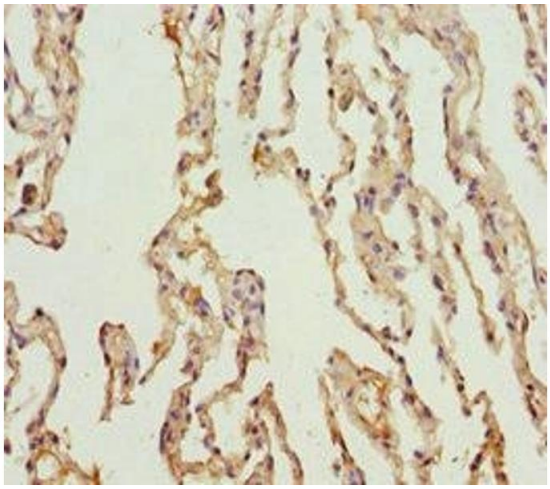
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7164013 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: KCNS3 antibody at 6.35 µg/mL + Mouse lung tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 56 kDa Observed band size: 56, 35 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7164013 at dilution of 1:100

