Datasheet for ABIN7220042

anti-KCNG3 antibody (AA 160-240)

1 Image

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Overview

Quantity:	100 µL
Target:	KCNG3
Binding Specificity:	AA 160-240
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNG3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	KCNG3 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the Internal region of human KCNG3 at AA range: 160-240
Isotype:	IgG
Specificity:	KCNG3 Polyclonal Antibody detects endogenous levels of KCNG3 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	KCNG3
Alternative Name:	KCNG3 (KCNG3 Products)

Target Details

Background:	Rabbit Anti-KCNG3 Polyclonal Antibody,KCNG3, Potassium voltage-gated channel subfamily G member 3, Voltage-gated potassium channel subunit Kv10.1, Voltage-gated potassium channel subunit Kv6.3,Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. KCNG3 encodes a member of the potassium channel, voltage-gated, subfamily G. This member is a gamma subunit functioning as a modulatory molecule. Alternative splicing results in two transcript variants encoding distinct isoforms.,Potassium voltage-gated channel subfamily G member 3
Molecular Weight:	observerd band 50kDa
Gene ID:	170850
UniProt:	Q8TAE7

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

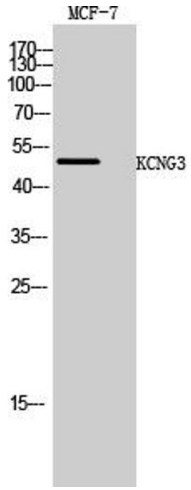
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
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
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid

Handling

repeated freezing and thawing.

Images



Western Blotting

Image 1. Western Blot analysis of MCF-7 cells using KCNG3 Polyclonal Antibody.