

Datasheet for ABIN652891

anti-KCNQ1 antibody (AA 513-540)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	KCNQ1
Binding Specificity:	AA 513-540
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNQ1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This KCNQ1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 513-540 amino acids from the Central region of human KCNQ1.
Clone:	RB22042
Isotype:	Ig Fraction
Predicted Reactivity:	Zf, Pig, Rb, Rat, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNQ1
Alternative Name:	KCNQ1 (KCNQ1 Products)

Target Details

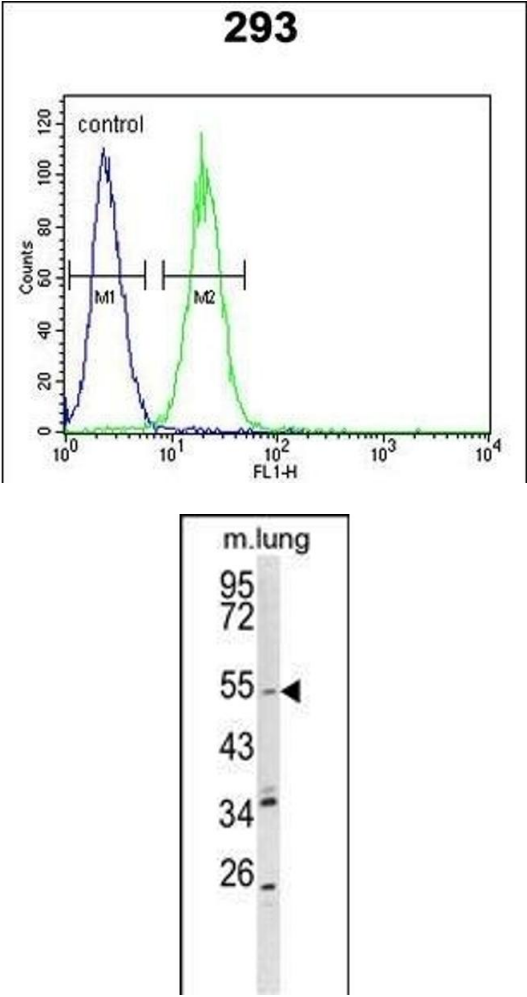
Background:	KCNQ1 is a protein for a voltage-gated potassium channel required for the repolarization phase of the cardiac action potential. The gene product can form heteromultimers with two other potassium channel proteins, KCNE1 and KCNE3.
Molecular Weight:	74699
Gene ID:	3784
NCBI Accession:	NP_000209
UniProt:	P51787
Pathways:	Negative Regulation of Hormone Secretion, Sensory Perception of Sound

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. KCNQ1 Antibody (Center) (ABIN652891 and ABIN2842576) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of KCNQ1 Antibody (Center) (ABIN652891 and ABIN2842576) in mouse lung tissue lysates (35 µg/lane). KCNQ1 (arrow) was detected using the purified Pab.