

Datasheet for ABIN953016
anti-KCNQ5 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	KCNQ5
Binding Specificity:	AA 780-809, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNQ5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 780-809 amino acids from the C-terminal region of human KCNQ5
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse KCNQ5 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	KCNQ5
Alternative Name:	KCNQ5 (KCNQ5 Products)
Background:	This gene is a member of the KCNQ potassium channel gene family that is differentially

Target Details

expressed in subregions of the brain and in skeletal muscle. The protein encoded by this gene yields currents that activate slowly with depolarization and can form heteromeric channels with the protein encoded by the KCNQ3 gene. Currents expressed from this protein have voltage dependences and inhibitor sensitivities in common with M-currents. They are also inhibited by M1 muscarinic receptor activation. Multiple transcript variants encoding different isoforms have been found for this gene. Synonyms: KQT-like 5, Potassium channel subunit alpha KvLQT5, Potassium voltage-gated channel subfamily KQT member 5, Voltage-gated potassium channel subunit Kv7.5

Molecular Weight: 102179 Da

Gene ID: 56479

NCBI Accession: [NP_001153602](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

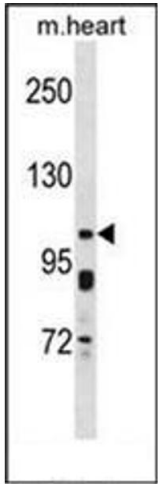
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of KCNQ5 Antibody (C-term) in mouse heart tissue lysates (35ug/lane). This demonstrates the KCNQ5 antibody detected the KCNQ5 protein (arrow).