

Datasheet for ABIN1537595
anti-KCNQ5 antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	KCNQ5
Binding Specificity:	AA 781-809, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNQ5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNQ5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 781-809 amino acids from the C-terminal region of human KCNQ5.
Clone:	RB35794
Isotype:	Ig Fraction
Purification:	This antibody is purified through a 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.

Molecular Weight: 102179

Gene ID: 56479

NCBI Accession: [NP_001153602](#), [NP_001153604](#), [NP_001153606](#), [NP_062816](#)

UniProt: [Q9NR82](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

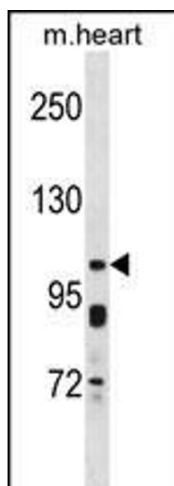
Preservative: Sodium azide

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

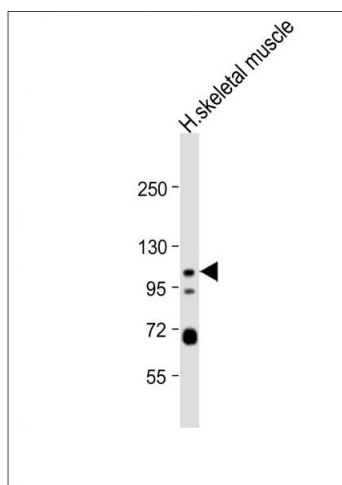
Storage Comment: KCNQ5 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. KCNQ5 Antibody (C-term) (ABIN1537595 and ABIN2848470) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the KCNQ5 antibody detected the KCNQ5 protein (arrow).



Western Blotting

Image 2. Anti-KCNQ5 Antibody (C-term) at 1:1000 dilution + human skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 102 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.