

Datasheet for ABIN2856274

anti-KCNQ5 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	KCNQ5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNQ5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human KCNQ5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to KCNQ5 (potassium voltage-gated channel, KQT-like subfamily, member 5) KCNQ5 antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	KCNQ5
Alternative Name:	potassium voltage-gated channel subfamily Q member 5 (KCNQ5 Products)

Target Details

Background: This gene is a member of the KCNQ potassium channel gene family that is differentially 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. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the full-length nature of only one has been determined.

Cellular Localization: Membrane, Multi-pass membrane protein

Molecular Weight: 102 kDa

Gene ID: 56479

UniProt: [Q9NR82](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: 293T

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.45 mg/mL

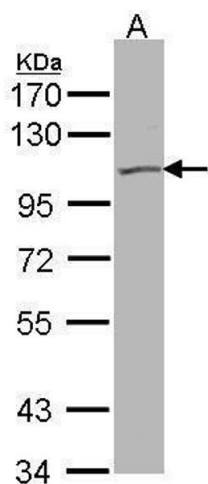
Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample(30 µg of whole cell lysate)
A:293T 7.5% SDS PAGE antibody diluted at 1:500