

Datasheet for ABIN1538505
anti-KCNE4 antibody (AA 58-86)



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1 Image

Overview

Quantity:	400 µL
Target:	KCNE4
Binding Specificity:	AA 58-86
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNE4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This KCNE4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-86 amino acids from the Central region of human KCNE4.
Clone:	RB37059
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	KCNE4
Alternative Name:	KCNE4 (KCNE4 Products)

Target Details

Background: 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. This gene encodes a member of the potassium channel, voltage-gated, isk-related subfamily. This member is a type I membrane protein, and a beta subunit that assembles with a potassium channel alpha-subunit to modulate the gating kinetics and enhance stability of the multimeric complex. This gene is prominently expressed in the embryo and in adult uterus.

Molecular Weight: 23806

Gene ID: 23704

UniProt: [Q8WWG9](#)

Application Details

Application Notes: 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.

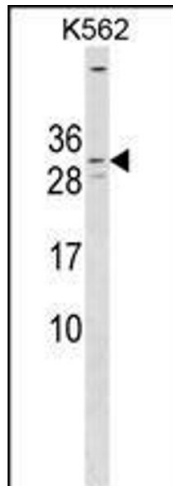
Preservative: Sodium azide

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: KCNE4 Antibody (Center) 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. KCNE4 Antibody (Center) (ABIN1538505 and ABIN2849953) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the KCNE4 antibody detected the KCNE4 protein (arrow).