

Datasheet for ABIN633765
anti-KCNK4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	KCNK4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KCNK4 antibody was raised using the N terminal of KCNK4 corresponding to a region with amino acids MRSTLLALLLVLLYLVSGALVFRALQPEQQAQRELGEVREKFLRAH
Specificity:	KCNK4 antibody was raised against the N terminal of KCNK4
Purification:	Affinity purified

Target Details

Target:	KCNK4
Alternative Name:	KCNK4 (KCNK4 Products)
Background:	Potassium channels play a role in many cellular processes including maintenance of the action potential, muscle contraction, hormone secretion, osmotic regulation, and ion flow. KCNK4 is one of the members of the superfamily of potassium channel proteins containing two pore-

Target Details

forming P domains. It homodimerizes and functions as an outwardly rectifying channel. It is expressed primarily in neural tissues and is stimulated by membrane stretch and polyunsaturated fatty acids.

Molecular Weight: 43 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: KCNK4 Blocking Peptide, catalog no. 33R-6385, is also available for use as a blocking control in assays to test for specificity of this KCNK4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of KCNK4 antibody in PBS

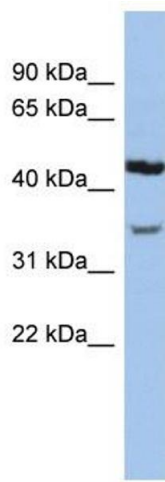
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. KCNK4 antibody used at 1 ug/ml to detect target protein.