

Datasheet for ABIN5515526
anti-Kv3.4 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	Kv3.4 (KCNC4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kv3.4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human KCNC4
Sequence:	GAGPSDEAGD DERELALQRL GPHEGGAGHG AGSGGCRGWQ PRMWALFEDP
Predicted Reactivity:	Cow: 93%, Dog: 79%, Horse: 92%, Human: 100%, Mouse: 93%, Pig: 86%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against KCNC4. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	Kv3.4 (KCNC4)
Alternative Name:	KCNC4 (KCNC4 Products)

Target Details

Background:	<p>The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. It generates atypical voltage-dependent transient current that may be important for neuronal excitability. Multiple transcript variants have been found for this gene.</p> <p>Alias Symbols: KCNC4,</p> <p>Protein Size: 635</p>
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Gene ID:	3749
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NCBI Accession:	NP_004969
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UniProt:	Q03721
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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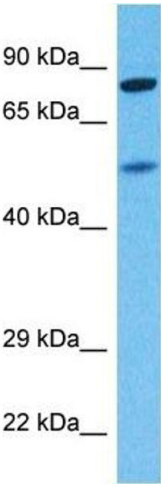
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Western Blotting

Image 1. Host: Rabbit Target Name: KCNC4 Sample
Tissue: Human 786-0 Whole Cell Antibody Dilution: 1ug/ml