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anti-KCNA1 antibody





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Quantity:	200 μL
Target:	KCNA1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide of human KCNA1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	KCNA1
Alternative Name:	KCNA1 (KCNA1 Products)
Background:	This gene encodes a voltage-gated delayed potassium channel that is phylogenetically related to the Drosophila Shaker channel. The encoded protein has six putative transmembrane
	segments (S1-S6), and the loop between S5 and S6 forms the pore and contains the conserved
	selectivity filter motif (GYGD). The functional channel is a homotetramer. The N-terminus of the

Target Details

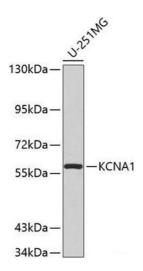
	channel is associated with beta subunits that can modify the inactivation properties of the
	channel as well as affect expression levels. The C-terminus of the channel is complexed to a
	PDZ domain protein that is responsible for channel targeting. Mutations in this gene have been
	associated with myokymia with periodic ataxia (AEMK).
Molecular Weight:	Observed_MW: 56 kDa
	Calculated_MW: 56 kDa
Gene ID:	3736
UniProt:	Q09470

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of U-251MG cells using KCNA1 Polyclonal Antibody.