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Datasheet for ABIN7244900 anti-KCNA10 antibody

Image



Overview

Quantity:	200 µL
Target:	KCNA10
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNA10 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

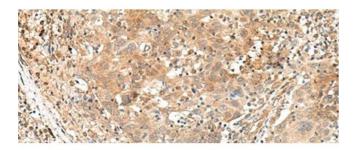
Immunogen:	Synthetic peptide of human KCNA10
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	KCNA10
Alternative Name:	KCNA10 (KCNA10 Products)
Background:	KCNA10 (Potassium Voltage-Gated Channel Subfamily A Member 10) is a Protein Coding gene. Among its related pathways are Potassium Channels and Transmission across Chemical
	Synapses. GO annotations related to this gene include ion channel activity and intracellular cyclic nucleotide activated cation channel activity. An important paralog of this gene is

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	KCNA4.Potassium 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. Four sequence-related potassium
	channel genes - shaker, shaw, shab, and shal - have been identified in Drosophila, and each has
	been shown to have human homolog(s). This gene encodes a member of the potassium
	channel, voltage-gated, shaker-related subfamily. This member contains six membrane-
	spanning domains with a shaker-type repeat in the fourth segment. It is specifically regulated
	by cGMP and postulated to mediate the effects of substances that increase intracellular cGMP.
	This gene is intronless, and the gene is clustered with genes KCNA2 and KCNA3 on
	chromosome 1.
UniProt:	Q16322
Application Details	
Application Notes:	IHC 1:30-1:150, ELISA 1:5000-1:10000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.66 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using KCNA10 Polyclonal Antibody at dilution of 1:40(x200)

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