Datasheet for ABIN7239125

anti-KCNA7 antibody

3   Images

Overview

Quantity:	200 μL
Target:	KCNA7
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNA7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide of human KCNA7
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	KCNA7
Alternative Name:	KCNA7 (KCNA7 Products)
Background:	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, smootHuman, Mouseuscle contraction, and cell volume. Four sequence-related

Target Details

	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.
Molecular Weight:	51 kDa
NCBI Accession:	NP_114092
UniProt:	Q96RP8

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

Handling

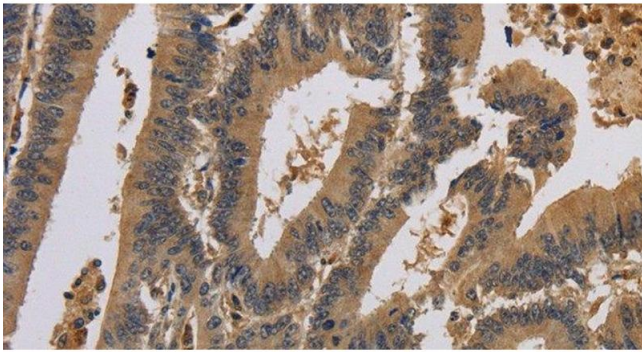| Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images

Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human colon cancer using KCNA7 Polyclonal Antibody at dilution of 1:40
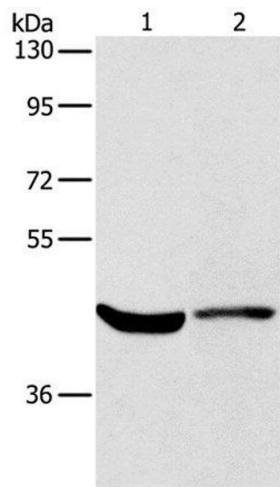
Western Blotting

Image 2. Western Blot analysis of Hela cell and Mouse kidney tissue using KCNA7 Polyclonal Antibody at dilution of 1:550
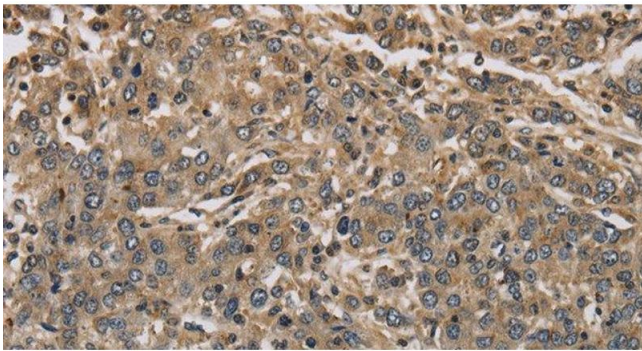
Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human liver cancer using KCNA7 Polyclonal Antibody at dilution of 1:40