

# KCNA7 Polyclonal Antibody

Catalog Number:E-AB-13352

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

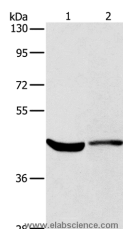
## Description

<b>Reactivity</b>	Human,Mouse
<b>Immunogen</b>	Synthetic peptide of human KCNA7
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

## Applications Recommended Dilution

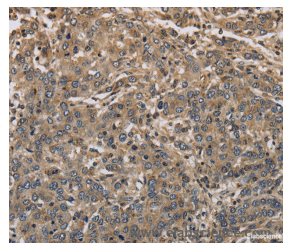
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

## Data

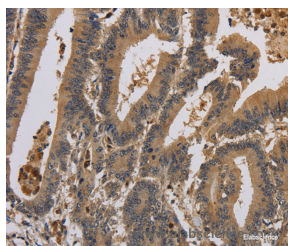


Western Blot analysis of Hela cell and Mouse kidney tissue using KCNA7 Polyclonal Antibody at dilution of 1:550

**Calculated Mw:51kDa**



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



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

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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, smooth muscle contraction, and cell volume. Four sequence-related

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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.

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