

# KCTD7 Polyclonal Antibody

Catalog Number:E-AB-18176



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

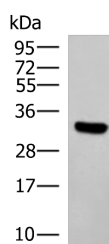
## Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide of human KCTD7
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4

## Applications Recommended Dilution

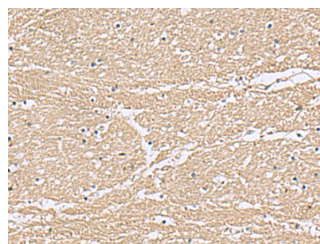
<b>WB</b>	1:1000-1:5000
<b>IHC</b>	1:50-1:300
<b>ELISA</b>	1:5000-1:10000

## Data

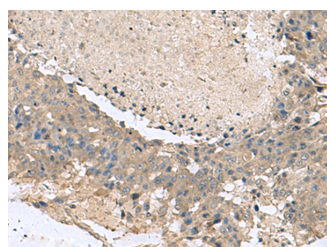


Western blot analysis of Hela cell lysate using KCTD7 Polyclonal Antibody at dilution of 1:1200

**Observed MW:Refer to figures**  
**Calculated Mw:33 kDa**



Immunohistochemistry of paraffin-embedded Human brain tissue using KCTD7 Polyclonal Antibody at dilution of 1:55(×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using KCTD7 Polyclonal Antibody at dilution of 1:55(×200)

## Preparation & Storage

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

## Background

KCTD7 (Potassium Channel Tetramerization Domain Containing 7) is a Protein Coding gene. Diseases associated with

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KCTD7 include Epilepsy, Progressive Myoclonic 3, With Or Without Intracellular Inclusions and Cln14 Disease. Among its related pathways are Neuropathic Pain-Signaling in Dorsal Horn Neurons and Innate Immune System. An important paralog of this gene is KCTD14. This gene encodes a member of the potassium channel tetramerization domain-containing protein family. Family members are identified on a structural basis and contain an amino-terminal domain similar to the T1 domain present in the voltage-gated potassium channel. Mutations in this gene have been associated with progressive myoclonic epilepsy-3. Alternative splicing results in multiple transcript variants.

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