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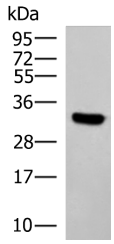
KCTD7 Polyclonal Antibody

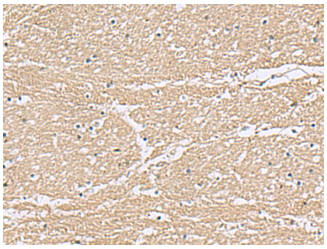
Catalog No.	E-AB-18176	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

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

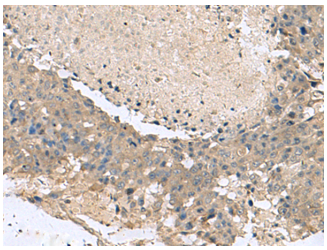
Images



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



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)

Immunogen Information

Immunogen	Synthetic peptide of human KCTD7
Gene Accession	NP694578
Swissprot	Q96MP8
Synonyms	BTB/POZ domain containing protein KCTD7,EPM3,FLJ32069,Potassium channel tetramerisation domain containing 7

Product Information

Calculated MW	33 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:1000-1:5000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Background

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