



KCTD7 Monoclonal Antibody

Catalog No	BYmab-10762
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	KCTD7
Protein Name	KCTD7
Immunogen	Synthesized peptide derived from human KCTD7. at AA range: 181-230
Specificity	This antibody detects endogenous levels of KCTD7
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BTB/POZ domain-containing protein KCTD7
Observed Band	33kD
Cell Pathway	Cell membrane. Cytoplasm, cytosol.
Tissue Specificity	Brain,
Function	disease:Defects in KCTD7 are the cause of progressive myoclonic epilepsy type 3 (EPM3) [MIM:611726]. EPM3 is an autosomal recessive, severe, progressive myoclonic epilepsy with early-onset. Multifocal myoclonic seizures begin between 16 and 24 months of age after normal initial development. Neurodegeneration and regression occur with seizure onset. Other features include mental retardation, dysarthria, truncal ataxia, and loss of fine finger movements. EEG shows slow dysrhythmia, multifocal and occasionally generalized epileptiform discharges.,similarity:Contains 1 BTB (POZ) domain.,
Background	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

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the voltage-gated potassium channel. Mutations in this gene have been associated with progressive myoclonic epilepsy-3. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011],

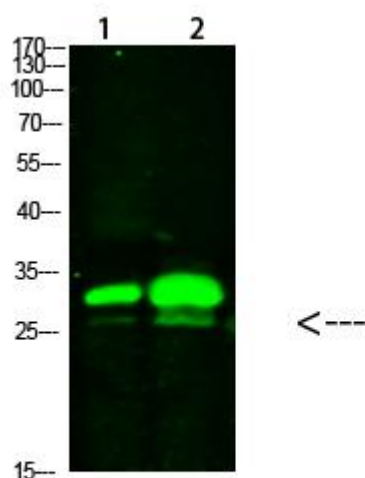
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using KCTD7 Monoclonal Antibody