

KCTD21 Rabbit mAb

Catalog # AP75647

Product Information

Application	WB, FC
Primary Accession	Q4G0X4
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	29643

Additional Information

Gene ID	283219
Other Names	KCTD21
Dilution	WB~~1:500-1:1000 FC~~1:100-1:200
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

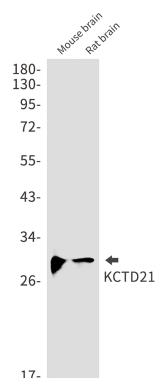
Protein Information

Name	KCTD21
Function	Probable substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex mediating the ubiquitination and subsequent proteasomal degradation of target proteins. Promotes the ubiquitination of HDAC1. Can function as antagonist of the Hedgehog pathway by affecting the nuclear transfer of transcription factor GLI1; the function probably occurs via HDAC1 down-regulation, keeping GLI1 acetylated and inactive. Inhibits cell growth and tumorigenicity of medulloblastoma (MDB) (PubMed: 21472142).
Tissue Location	Highly expressed in cerebellum and brain. Expression is down-regulated in medulloblastoma

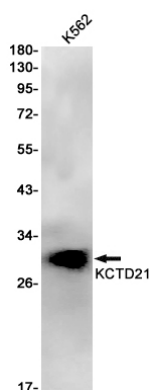
Background

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Images



Western blot analysis of KCTD21 in mouse brain, rat brain lysates using KCTD21 antibody.



Western blot analysis of KCTD21 in K562 lysates using KCTD21 antibody.

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