

Recombinant Anti-KCTD21 Rabbit mAb

Catalog # AP95397

Product Information

Application	WB, FC
Primary Accession	Q4G0X4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	29643

Additional Information

Gene ID	283219
Other Names	BTB/POZ domain-containing protein KCTD21
Target/Specificity	Recombinant fusion protein of human KCTD21. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Images



Western blot analysis of KCTD21 expression in Raw264.7
(A) whole cell lysates. (Predicted band size: 29 kD;
Observed band size: 29 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.