

KCTD17 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18982c

Specification

KCTD17 Antibody (Center) - Product Information

Application WB,E **Primary Accession 08N5Z5** NP 078957.2 Other Accession Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 34888 Antigen Region 107-136

KCTD17 Antibody (Center) - Additional Information

Gene ID 79734

Other Names

BTB/POZ domain-containing protein KCTD17, KCTD17

Target/Specificity

This KCTD17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 107-136 amino acids from the Central region of human KCTD17.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KCTD17 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

KCTD17 Antibody (Center) - Protein Information

Name KCTD17 (<u>HGNC:25705</u>)

Function Substrate-adapter for CUL3-RING ubiquitin ligase complexes which mediates the



ubiquitination and subsequent proteasomal degradation of TCHP, a protein involved in ciliogenesis down- regulation. Thereby, positively regulates ciliogenesis, playing a crucial role in the initial steps of axoneme extension (PubMed:25270598). May also play a role in endoplasmic reticulum calcium ion homeostasis (PubMed:25983243).

Cellular Location Cytoplasm.

Tissue Location

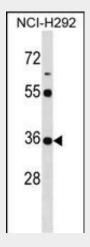
Highly expressed in brain. Highest expression is observed in the putamen and the thalamus

KCTD17 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

KCTD17 Antibody (Center) - Images



KCTD17 Antibody (Center) (Cat. #AP18982c) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the KCTD17 antibody detected the KCTD17 protein (arrow).

KCTD17 Antibody (Center) - Background

The function of this protein remains unknown.

KCTD17 Antibody (Center) - References

Dunham, I., et al. Nature 402(6761):489-495(1999)