

# KCTD17 Antibody (Center) Blocking Peptide

Synthetic peptide Catalog # BP18982c

## **Specification**

# KCTD17 Antibody (Center) Blocking Peptide - Product Information

**Primary Accession** 

**Q8N5Z5** 

# KCTD17 Antibody (Center) Blocking Peptide - Additional Information

**Gene ID** 79734

#### **Other Names**

BTB/POZ domain-containing protein KCTD17, KCTD17

### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## KCTD17 Antibody (Center) Blocking Peptide - Protein Information

Name KCTD17 (HGNC:25705)

## **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:<a href="http://www.uniprot.org/citations/25270598" target="\_blank">25270598</a>). May also play a role in endoplasmic reticulum calcium ion homeostasis (PubMed:<a href="http://www.uniprot.org/citations/25983243" target=" blank">25983243</a>).

### **Cellular Location**

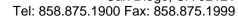
Cytoplasm.

# **Tissue Location**

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

## KCTD17 Antibody (Center) Blocking Peptide - Protocols







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

# • Blocking Peptides

KCTD17 Antibody (Center) Blocking Peptide - Images

KCTD17 Antibody (Center) Blocking Peptide - Background

The function of this protein remains unknown.

KCTD17 Antibody (Center) Blocking Peptide - References

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