

KCTD13 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17375b**Specification**

KCTD13 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8WZ19](#)**KCTD13 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 253980**Other Names**

BTB/POZ domain-containing adapter for CUL3-mediated RhoA degradation protein 1, hBACURD1, BTB/POZ domain-containing protein KCTD13, Polymerase delta-interacting protein 1, TNFAIP1-like protein, KCTD13, BACURD1, PDIP1, POLDIP1

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.

KCTD13 Antibody (C-term) Blocking Peptide - Protein Information**Name** KCTD13**Function**

Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for synaptic transmission (PubMed:19782033). The BCR(KCTD13) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome (PubMed:19782033) Degradation of RHOA regulates the actin cytoskeleton and promotes synaptic transmission (By similarity).

Cellular Location

Nucleus.

Tissue Location

Expressed in a wide variety of tissues.

KCTD13 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KCTD13 Antibody (C-term) Blocking Peptide - Images

KCTD13 Antibody (C-term) Blocking Peptide - Background

Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex involved in regulation of cytoskeleton structure. The BCR(BACURD1) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome, thereby regulating the actin cytoskeleton and cell migration.

KCTD13 Antibody (C-term) Blocking Peptide - References

Chen, Y., et al. Mol. Cell 35(6):841-855(2009)Tomaru, T., et al. Endocrinology
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101(44):15724-15729(2004)Kutsenko, A.S., et al. Nucleic Acids Res. 30(14):3163-3170(2002)