

KLHL13 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13407a**Specification**

KLHL13 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9P2N7](#)**KLHL13 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 90293**Other Names**

Kelch-like protein 13, BTB and kelch domain-containing protein 2, KLHL13, BKLHD2, KIAA1309

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13407a was selected from the N-term region of KLHL13. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

KLHL13 Antibody (N-term) Blocking peptide - Protein Information**Name** KLHL13**Synonyms** BKLHD2, KIAA1309**Function**

Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The BCR(KLHL9-KLHL13) E3 ubiquitin ligase complex mediates the ubiquitination of AURKB and controls the dynamic behavior of AURKB on mitotic chromosomes and thereby coordinates faithful mitotic progression and completion of cytokinesis.

KLHL13 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KLHL13 Antibody (N-term) Blocking peptide - Images**KLHL13 Antibody (N-term) Blocking peptide - Background**

This gene encodes a BTB and kelch domain containing protein and belongs to the kelch repeat domain containing superfamily of proteins. The encoded protein functions as an adaptor protein that complexes with Cullin 3 and other proteins to form the Cullin 3-based E3 ubiquitin-protein ligase complex. This complex is necessary for proper chromosome segregation and completion of cytokinesis. Alternate splicing results in multiple transcript variants.

KLHL13 Antibody (N-term) Blocking peptide - References

Sumara, I., et al. Cell Cycle 6(24):3004-3010(2007) Sumara, I., et al. Dev. Cell 12(6):887-900(2007)