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KLH18 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP4713c

Specification

KLH18 Antibody (Center) Blocking Peptide - Product Information

Primary Accession O94889

KLH18 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 23276

Other Names
Kelch-like protein 18, KLHL18, KIAA0795

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.

KLH18 Antibody (Center) Blocking Peptide - Protein Information

Name KLHL18

Synonyms KIAA0795

Function
Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis (PubMed:23213400). The BCR(KLHL18) E3 ubiquitin ligase complex mediates the ubiquitination of AURKA leading to its activation at the centrosome which is required for initiating mitotic entry (PubMed:23213400). Regulates light-and dark-dependent alpha-transducin localization changes in rod photoreceptors through UNC119 ubiquitination and degradation (By similarity). Preferentially ubiquitinates the unphosphorylated form of UNC119 over the phosphorylated form (By similarity). In the presence of UNC119, under dark-adapted conditions alpha-transducin mislocalizes from the outer segment to the inner part of rod photoreceptors which leads to decreased photoreceptor damage caused by light (By similarity).

KLH18 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

KLH18 Antibody (Center) Blocking Peptide - Images

KLH18 Antibody (Center) Blocking Peptide - Background

(Goname) protein binding

KLH18 Antibody (Center) Blocking Peptide - References

Mehrle, A., et al. Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006) Wiemann, S., et al. Genome Res. 14 (10B), 2136-2144 (2004)