FBXL13 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17121b

Specification

FBXL13 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession   Q8NEE6

FBXL13 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 222235

Other Names
F-box/LRR-repeat protein 13, F-box and leucine-rich repeat protein 13, FBXL13, FBL13

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.

FBXL13 Antibody (C-term) Blocking Peptide - Protein Information

Name FBXL13

Synonyms DRC6 {ECO:0000250|UniProtKB:Q8CDU4}, FBL

Function
Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. Component of the nexin- dynein regulatory complex (N-DRC), a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes. Specifically targets CEP192 isoform 3 for ubiquitin-mediated proteolysis and thereby acts as a regulator of microtubule nucleation activity (PubMed:29348145).

Cellular Location
Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:A8JHD7}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

FBXL13 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FBXL13 Antibody (C-term) Blocking Peptide - Images

FBXL13 Antibody (C-term) Blocking Peptide - Background

 Members of the F-box protein family, such as FBXL13, arecharacterized by an approximately 40-amino acid F-box motif. SCFcomplexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM603134), and F-box proteins, act as protein-ubiquitin ligases.F-box proteins interact with SKP1 through the F box, and theyinteract with ubiquitination targets through other proteininteraction domains (Jin et al., 2004 [PubMed 15520277]).[suppliedby OMIM].

FBXL13 Antibody (C-term) Blocking Peptide - References

 Rose, J. Phd, et al. Mol. Med. (2010) In press :Curtiss, N.P., et al. Genomics 85(5):600-607(2005)Jin, J., et al. Genes Dev. 18(21):2573-2580(2004)