

**FBXL13 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17121b****Specification**

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**FBXL13 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q8NEE6</a>
Other Accession	<a href="#">NP_001104508.1</a> , <a href="#">NP_659469.3</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	83924
Antigen Region	683-710

**FBXL13 Antibody (C-term) - Additional Information****Gene ID** 222235**Other Names**

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

**Target/Specificity**

This FBXL13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 683-710 amino acids from the C-terminal region of human FBXL13.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

FBXL13 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FBXL13 Antibody (C-term) - 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

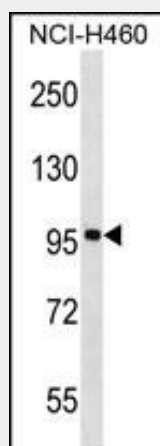
Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:A8JHD7}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

### FBXL13 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FBXL13 Antibody (C-term) - Images



FBXL13 Antibody (C-term) (Cat. #AP17121b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the FBXL13 antibody detected the FBXL13 protein (arrow).

### FBXL13 Antibody (C-term) - Background

Members of the F-box protein family, such as FBXL13, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]). [supplied by OMIM].

### **FBXL13 Antibody (C-term) - 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)