

ZFYVE19 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13027b**Specification**

ZFYVE19 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O96K21](#)
Other Accession [NP_001070736.1](#)

ZFYVE19 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 84936

Other Names

Abscission/NoCut checkpoint regulator, ANCHR, MLL partner containing FYVE domain, Zinc finger FYVE domain-containing protein 19, ZFYVE19, ANCHR, MPFYVE

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.

ZFYVE19 Antibody (C-term) Blocking peptide - Protein Information

Name ZFYVE19

Synonyms ANCHR, MPFYVE

Function

Key regulator of abscission step in cytokinesis: part of the cytokinesis checkpoint, a process required to delay abscission to prevent both premature resolution of intercellular chromosome bridges and accumulation of DNA damage. Together with CHMP4C, required to retain abscission-competent VPS4 (VPS4A and/or VPS4B) at the midbody ring until abscission checkpoint signaling is terminated at late cytokinesis. Deactivation of AURKB results in dephosphorylation of CHMP4C followed by its dissociation from ZFYVE19/ANCHR and VPS4 and subsequent abscission.

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cleavage furrow. Midbody, Midbody ring. Note=Localizes mainly on centrosomes in interphase and early mitosis. Localizes at the cleavage furrow and midbody ring in late mitosis and cytokinesis

Tissue Location

Detected in brain, heart, skeletal muscle and kidney (PubMed:12618766). Expressed in the liver

(at protein level) (PubMed:12618766, PubMed:32737136).

ZFYVE19 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ZFYVE19 Antibody (C-term) Blocking peptide - Images

ZFYVE19 Antibody (C-term) Blocking peptide - References

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Chinwalla, V., et al. Oncogene 22(9):1400-1410(2003)