

ZFYVE19 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53381-100 □

Specification

ZFYVE19 Antibody - Product info

Application	WB
Primary Accession	Q96K21
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52 KDa

ZFYVE19 Antibody - Additional info

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

Dilution

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol

Storage

Store at -20 °C. Stable for 12 months from date of receipt

ZFYVE19 Antibody - Protein Information

Name ZFYVE19

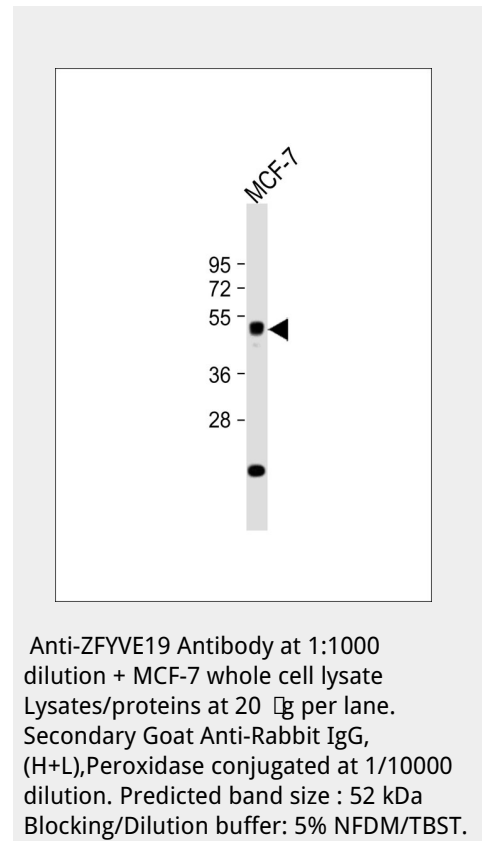
Synonyms ANCHR, MPFYVE

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, kidney and liver.

ZFYVE19 Antibody - 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](#)

ZFYVE19 Antibody - Background

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ZFYVE19 Antibody - References

Chinwalla V., et al. *Oncogene* 22:1400-1410(2003). Ota T., et al. *Nat. Genet.* 36:40-45(2004). Zody M.C., et al. *Nature* 440:671-675(2006). Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DBJ databases. Carrascal M., et al. *J. Proteome Res.* 7:5167-5176(2008).