

ZFYVE19 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP53381**Specification**

ZFYVE19 Antibody - Product Information

Application	WB
Primary Accession	O96K21
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52 KDa
Antigen Region	317-366

ZFYVE19 Antibody - Additional Information**Gene ID** 84936**Dilution**

WB~~ 1:1000

Format

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) 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

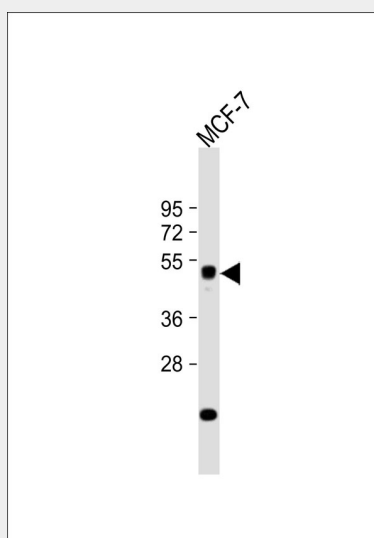
Detected in brain, heart, skeletal muscle and kidney (PubMed:12618766). Expressed in the liver (at protein level) (PubMed:12618766, PubMed:32737136).

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 - Images



Anti-ZFYVE19 Antibody at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 52 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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/DDBJ databases.

Carrascal M.,et al.J. Proteome Res. 7:5167-5176(2008).