

ZFYVE19 Polyclonal Antibody
Catalog # AP73125**Specification**

ZFYVE19 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q96K21
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

ZFYVE19 Polyclonal Antibody - Additional Information**Gene ID** 84936**Other Names**

ZFYVE19; MPFYVE; Zinc finger FYVE domain-containing protein 19; MLL partner containing FYVE domain

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ZFYVE19 Polyclonal 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

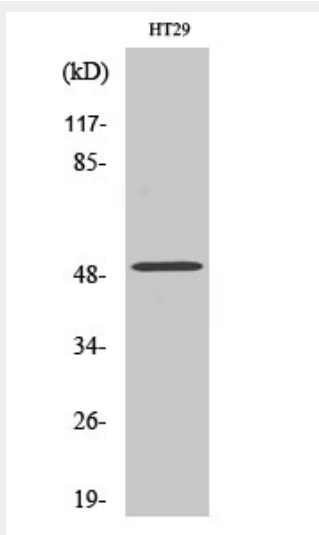
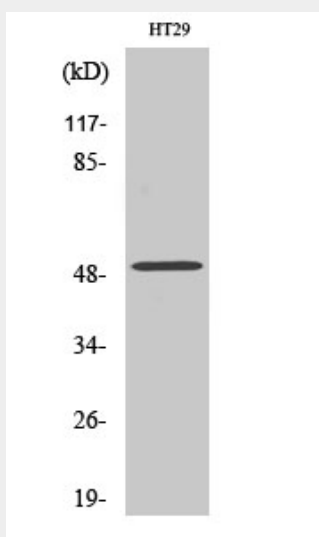
Tissue Location

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

ZFYVE19 Polyclonal 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 Polyclonal Antibody - Images

ZFYVE19 Polyclonal Antibody - Background

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