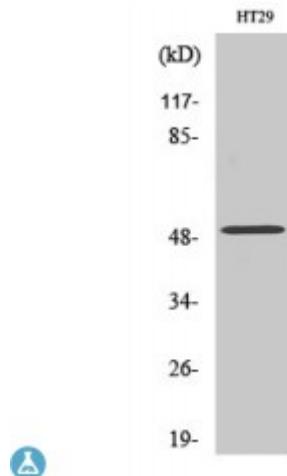


## Anti-ZFYVE19 antibody



<b>Description</b>	Rabbit polyclonal to ZFYVE19.
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<b>Model</b>	STJ96307
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human ZFYVE19
<b>Immunogen Region</b>	280-360 aa, Internal
<b>Gene ID</b>	<a href="#">84936</a>
<b>Gene Symbol</b>	<a href="#">ZFYVE19</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:40000
<b>Specificity</b>	ZFYVE19 Polyclonal Antibody detects endogenous levels of ZFYVE19 protein.
<b>Tissue Specificity</b>	Detected in brain, heart, skeletal muscle, kidney and liver.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Abscission/NoCut checkpoint regulator ANCHR MLL partner containing FYVE domain Zinc finger FYVE domain-containing protein 19
<b>Molecular Weight</b>	50 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:20758</a> <a href="#">OMIM:NA</a>
<b>Alternative Names</b>	Abscission/NoCut checkpoint regulator ANCHR MLL partner containing FYVE domain Zinc finger FYVE domain-containing protein 19
<b>Function</b>	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.
<b>Sequence and Domain Family</b>	The FYVE-type zinc finger mediates binding to phosphatidylinositol-3-phosphate (PtdIns(3)P). The MIM1-B motif mediates interaction with VPS4A.
<b>Cellular Localization</b>	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Cleavage furrow Midbody, Midbody ring. Localizes mainly on centrosomes in interphase and early mitosis. Localizes at the cleavage furrow and midbody ring in late mitosis and cytokinesis.

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