

ZWILCH Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18532b**Specification**

ZWILCH Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9H900
Other Accession	O8R060 , NP_060445.3
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	67214
Antigen Region	482-508

ZWILCH Antibody (C-term) - Additional Information**Gene ID** 55055**Other Names**

Protein zwilch homolog, hZwilch, ZWILCH

Target/Specificity

This ZWILCH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 482-508 amino acids from the C-terminal region of human ZWILCH.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ZWILCH Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZWILCH Antibody (C-term) - Protein Information**Name** ZWILCH**Function** Essential component of the mitotic checkpoint, which prevents cells from prematurely

exiting mitosis. Required for the assembly of the dynein-dynactin and MAD1-MAD2 complexes onto kinetochores. Its function related to the spindle assembly machinery is proposed to depend on its association in the mitotic RZZ complex (PubMed:[15824131](#)).

Cellular Location

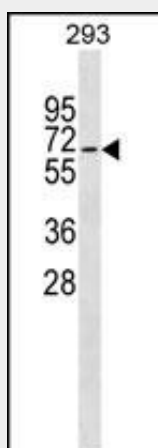
Chromosome, centromere, kinetochore

ZWILCH Antibody (C-term) - Protocols

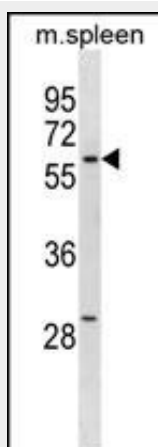
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZWILCH Antibody (C-term) - Images



ZWILCH Antibody (C-term) (Cat. #AP18532b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the ZWILCH antibody detected the ZWILCH protein (arrow).



ZWILCH Antibody (C-term) (Cat. #AP18532b) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the ZWILCH antibody detected the ZWILCH protein (arrow).

ZWILCH Antibody (C-term) - Background

Essential component of the mitotic checkpoint, which prevents cells from prematurely exiting mitosis. Required for the assembly of the dynein-dynactin and MAD1-MAD2 complexes onto kinetochores.

ZWILCH Antibody (C-term) - References

Brendle, A., et al. Eur. J. Cancer 45(3):435-442(2009)
Kops, G.J., et al. J. Cell Biol. 169(1):49-60(2005)
Williams, B.C., et al. Mol. Biol. Cell 14(4):1379-1391(2003)