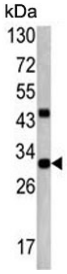
ZWINT Antibody (F54426)

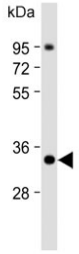
Catalog No.	Formulation	Size
F54426-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54426-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

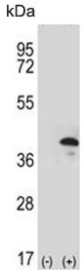
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	SAS precipitation
UniProt	O95229
Applications	Western blot: 1:500-1:2000 Flow cytometry: 1:25 (1x10e6 cells) Immunohistochemistry (FFPE): 1:25
Limitations	This ZWINT antibody is available for research use only.



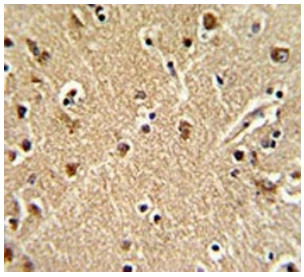
Western blot testing of mouse cerebellum lysate with ZWINT antibody. Predicted molecular weight ~31 kDa.



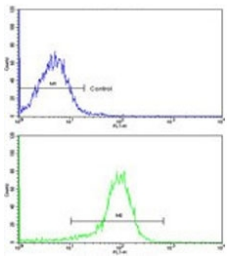
Western blot testing of human MOLT4 lysate with ZWINT antibody. Predicted molecular weight ~31 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with ZWINT antibody.



IHC testing of FFPE human brain tissue with ZWINT antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human WiDr cells with ZWINT antibody; Blue=isotype control, Green= ZWINT antibody.

Description

ZWINT is clearly involved in kinetochore function although an exact role is not known. It interacts with ZW10, another kinetochore protein, possibly regulating the association between ZW10 and kinetochores. The protein localizes to prophase kinetochores before ZW10 does and it remains detectable on the kinetochore until late anaphase. It has a uniform distribution in the cytoplasm of interphase cells.

Application Notes

The stated application concentrations are suggested starting points. Titration of the ZWINT antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 59-88 from the human protein was used as the immunogen for the ZWINT antibody.

Storage

Aliquot the ZWINT antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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