

Rabbit anti-Human, mouse ZWINT Polyclonal Antibody | anti-ZWINT antibody

ZWINT Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284506	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ZWINT; Polyclonal Antibody; ZWINT Antibody (Center); ZW10 interactor; ZW10-interacting protein 1; Zwint-1; anti-ZWINT antibody

PRODUCT SPECIFICATIONS

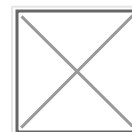
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ZWINT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-88 amino acids from the Central region of human ZWINT.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	59-88
Sequence Length	230
Applicable Applications for anti-ZWINT antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of ZWINT (arrow) using rabbit polyclonal ZWINT Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ZWINT gene.



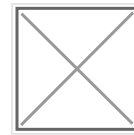
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of widr cells using ZWINT Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with ZWINT Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of ZWINT antibody (Center) in mouse cerebellum tissue lysates (35ug/lane). ZWINT (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ZWINT antibody	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.
Product Categories/Family for anti-ZWINT antibody	Cell Biology
References	Famulski,J.K., J. Cell Biol. 180 (3), 507-520 (2008) Kops,G.J., J. Cell Biol. 169 (1), 49-60 (2005) Wang,H., J. Biol. Chem. 279 (52), 54590-54598 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	53729320
NCBI GeneID	11130
NCBI Accession #	NP_001005413.1; NP_008988.2; NP_127490.1
NCBI GenBank Nucleotide #	NM_001005413.1
UniProt Accession #	O95229; Q0D2I3; Q9BWD0; A6NNV6
Molecular Weight	31293
NCBI Official Full Name	ZW10 interactor isoform b
NCBI Official Synonym Full Names	ZW10 interacting kinetochore protein
NCBI Official Symbol	ZWINT
NCBI Official Synonym Symbols	SIP30; ZWINT1; KNTC2AP; HZwint-1
NCBI Protein Information	ZW10 interactor
UniProt Protein Name	ZW10 interactor
UniProt Gene Name	ZWINT
UniProt Synonym Gene Names	Zwint-1
UniProt Entry Name	ZWINT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/zwint-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284506>