

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

Anti-ZWINT Antibody, Rabbit Polyclonal

CATALOG # AAA256058	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

ZWINT; Polyclonal Antibody; Anti-ZWINT Antibody; Rabbit Polyclonal; ZWINT Antibody; Rabbit PAb; Antigen Affinity Purified; ZW10 interacting kinetochore protein; Anti-HZwint-1 Antibody; Anti-KNTC2AP Antibody; Anti-SIP30 Antibody; Anti-ZWINT1 Antibody; anti-ZWINT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ZWINT
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ZWINT antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human ZWINT fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ZWINT fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

ZWINT was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate, 1 uL anti-ZWINT rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ZWINT rabbit polyclonal antibody, at 1:500 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 31 kDa. Observed band size: 40 kDa.



WB (Western Blot)

Anti-ZWINT rabbit polyclonal antibody at 1:500 dilution. Lane A: HeLa Whole Cell Lysate. Lane B: 293T Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 31 kDa. Observed band size: 38 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ZWINT antibody	ZW10-interacting kinetochore protein (ZWINT) is a crucial gene that contributes to chromosome instability and is essential for spindle assembly and kinetochore-microtubule attachment during meiosis and mitosis. Zwint, a centromere-complex component required for the mitotic spindle checkpoint, has been reported to be overexpressed in some human cancers, including ovarian cancer, bladder cancer, and pulmonary adenocarcinoma. ZWINT is an important component of the centromere and can recruit the dynamic protein kinase and dynein to promote chromosome movement and regulate the spindle assembly checkpoint (SAC). ZWINT activity is tightly regulated during the cell cycle. ZWINT is aberrantly highly expressed in lung tumor tissues and might be involved in the pathogenesis of lung cancer.
References	Ying H, et al. (2018) Overexpression of zwint predicts poor prognosis and promotes the proliferation of hepatocellular carcinoma by regulating cell-cycle-related proteins. Onco Targets Ther 11 689-702.Wang HJ, et al. (2017) Decreased expression of zwint-1 is associated with poor prognosis in hepatocellular carcinoma. Int J Clin Exp Pathol 10 (10): 10406-10412.Kim JH, et al. (2020) Involvement of the nf-kappab signaling pathway in proliferation and invasion inhibited by zwint-1 deficiency in pancreatic cancer cells. J Cancer 11 (19): 5601-5611.He Y, et al. (2020) Anaphase-promoting complex/cyclosome-cdc-20 promotes zwint-1 degradation. Cell Biochem Funct 38 (4): 451-459.

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-immunoprecipitation-western-blot-elisa/256058>