

ZW10 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57500

Specification

ZW10 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Rat
Rabbit
Polyclonal
88829

ZW10 Polyclonal Antibody - Additional Information

Gene ID 9183

Other Names

Centromere/kinetochore protein zw10 homolog, ZW10

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ZW10 Polyclonal Antibody - Protein Information

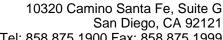
Name ZW10

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:11590237, PubMed:15485811, PubMed:15824131). Involved in regulation of membrane traffic between the Golgi and the endoplasmic reticulum (ER); the function is proposed to depend on its association in the interphase NRZ complex which is believed to play a role in SNARE assembly at the ER (PubMed:15029241).

Cellular Location

Cytoplasm. Endoplasmic reticulum membrane; Peripheral membrane protein. Chromosome, centromere, kinetochore. Cytoplasm, cytoskeleton, spindle. Lipid droplet. Note=Dynamic pattern of localization during the cell cycle. In most cells at interphase, present diffusely in the cytoplasm



Tel: 858.875.1900 Fax: 858.875.1999



(PubMed:15029241). In prometaphase, associated with the kinetochore. At metaphase, detected both at the kinetochores and, most prominently, at the spindle, particularly at the spindle poles. In very early anaphase, detected on segregating kinetochores. In late anaphase and telophase, accumulates at the spindle midzone (PubMed:11590237).

Tissue Location Widely expressed.

ZW10 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

ZW10 Polyclonal Antibody - Images