

ARG59325
anti-ZWINT antibodyPackage: 50 µg
Store at: -20°C**Summary**

Product Description	Rabbit Polyclonal antibody recognizes ZWINT
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ZWINT
Species	Human
Immunogen	Recombinant protein corresponding to Q29-Q249 of Human ZWINT.
Conjugation	Un-conjugated
Alternate Names	ZW10 interactor; KNTC2AP; SIP30; Zwint-1; ZW10-interacting protein 1; ZWINT1; HZwint-1

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: By heat mediation. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

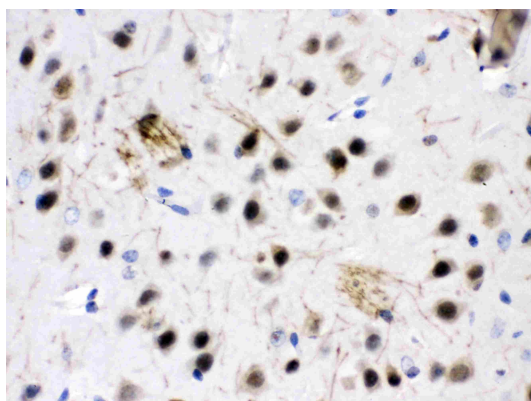
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

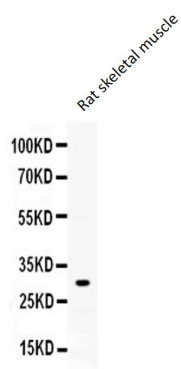
Gene Symbol	ZWINT
Gene Full Name	ZW10 interacting kinetochore protein
Background	This gene encodes a protein that is clearly involved in kinetochore function although an exact role is not known. It interacts with ZW10, another kinetochore protein, possibly regulating the association between ZW10 and kinetochores. The encoded 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Part of the MIS12 complex, which is required for kinetochore formation and spindle checkpoint activity. Required to target ZW10 to the kinetochore at prometaphase. [UniProt]
Calculated Mw	31 kDa
Cellular Localization	Nucleus. Chromosome, centromere, kinetochore. Note=Localizes to kinetochores from late prophase to anaphase. [UniProt]

Images



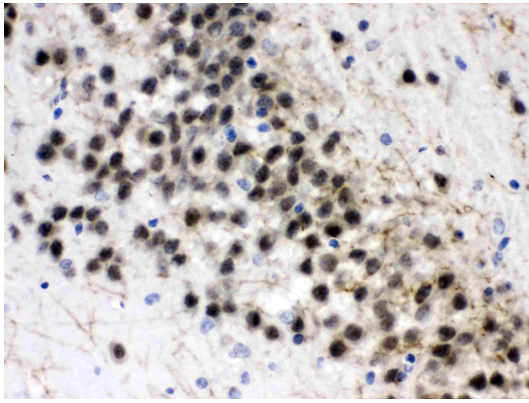
ARG59325 anti-ZWINT antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain stained with ARG59325 anti-ZWINT antibody at 1 µg/ml dilution.



ARG59325 anti-ZWINT antibody WB image

Western blot: Rat skeletal muscle stained with ARG59325 anti-ZWINT antibody at 0.5 µg/ml dilution.



ARG59325 anti-ZWINT antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain stained with ARG59325 anti-ZWINT antibody at 1 µg/ml dilution.