

RCC2 Polyclonal Antibody

Cat #: ABP55812

Size: 30µl /100µl /200µl

Product Information

	Product Name: RCC2 Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse		
REF	Catalog Number: ABP55812	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: RCC2/TD-60 is a member of the RCC1 (regulator of chromosome condensation 1) family of guanine nucleotide exchange factors. RCC2/TD-60 is associated with the chromosome passenger complex (CPC), which also consists of aurora B kinase, borealin, INCENP (inner centromere protein) and survivin. The CPC acts at various stages of mitosis, interacts with microtubules and is required for proper chromosome segregation and cytokinesis. Regulation of aurora B kinase is key in the regulation of the CPC. In late mitosis, RCC2/TD-60 is required for spindle assembly and recruitment of survivin and aurora B. RCC2/TD-60 is also required for aurora B activation in vitro and localization of the CPC to centromeres.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:5000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.