

RCC2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07722
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RCC2. AA range:473-522
Mol wt	56085
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	RCC2 Antibody
Synonyms	RCC2; KIAA1470; TD60; Protein RCC2; RCC1-like protein TD-60; Telophase disk protein of 60 kDa

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

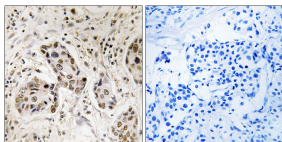
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RCC2 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year