

Immunotag™ RCC1 Antibody

Antibody Specification	
Catalog No.	ITA8100
Product Description	Immunotag™ RCC1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RCC1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human RCC1
Specificity	RCC1 Antibody detects endogenous levels of total RCC1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	RCC1
Accession No.	P18754
Alternate Names	Cell cycle regulatory protein; CHC 1; CHC1; Chromosome condensation 1; Chromosome condensation protein 1; Guanine nucleotide releasing protein; HERC2; Ran GEF; RanGEF; RCC 1; RCC1; RCC1 I; RCC1_HUMAN; Regulator of chromosome condensation 1; Regulator of chromosome condensation; SHEP1; SNHG3 RCC1; SNHG3 RCC1 readthrough transcript;

Antibody Specification

Description	Guanine-nucleotide releasing factor that promotes the exchange of Ran-bound GDP by GTP, and thereby plays an important role in RAN-mediated functions in nuclear import and mitosis (PubMed:1944575, PubMed:17435751, PubMed:20668449, PubMed:22215983, PubMed:11336674). Contributes to the generation of high levels of chromosome-associated, GTP-bound RAN, which is important for mitotic spindle assembly and normal progress through mitosis (PubMed:12194828, PubMed:17435751, PubMed:22215983). Via its role in maintaining high levels of GTP-bound RAN in the nucleus, contributes to the release of cargo proteins from importins after nuclear import (PubMed:22215983). Involved in the regulation of onset of chromosome condensation in the S phase (PubMed:3678831). Binds both to the nucleosomes and double-stranded DNA (PubMed:17435751, PubMed:18762580).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	45 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.