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Datasheet for ABIN2855859 anti-RCC1 antibody

4 Images

1 Publication



Overview

Quantity:	100 µL
Target:	RCC1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RCC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded
	Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human RCC1. The exact sequence is proprietary.
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to RCC1 (regulator of chromosome condensation 1) RCC1 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	RCC1
Alternative Name:	regulator of chromosome condensation 1 (RCC1 Products)

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Target Details	
Background:	Cellular Localization: Nucleus , Cytoplasm
Molecular Weight:	45 kDa
Gene ID:	1104
UniProt:	P18754
Pathways:	Chromatin Binding, Protein targeting to Nucleus
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Neuro2A , GL261 , 293T , A431 , H1299 , HeLaS3 , HepG2 , Molt-4 , Raji

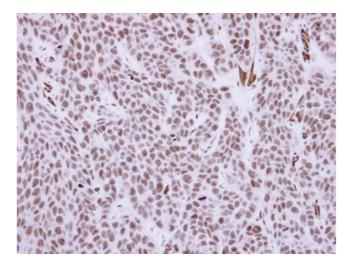
Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Publications	
Product cited in:	Alfonso-Pérez, Hayward, Holder, Gruneberg, Barr: "MAD1-dependent recruitment of CDK1- CCNB1 to kinetochores promotes spindle checkpoint signaling." in: The Journal of cell biology ,

Vol. 218, Issue 4, pp. 1108-1117, (2020) (PubMed).

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Immunohistochemistry

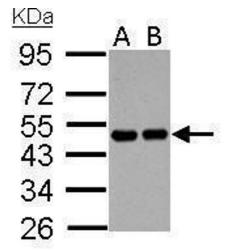
Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded KYSE170 xenograft, using RCC1, antibody at 1:500 dilution.

Costained with Hoechst 33342



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A431, using RCC1, antibody at 1:200 dilution.



Western Blotting

Image 3. WB Image RCC1 antibody detects RCC1 protein by Western blot analysis. A. 30 µg Neuro2A whole cell Iysate/extract B. 30 µg GL261 whole cell Iysate/extract 12 % SDS-PAGE RCC1 antibody , dilution: 1:1000

Please check the product details page for more images. Overall 4 images are available for ABIN2855859.

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