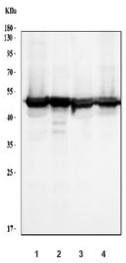
Regulator of Chromosome Condensation Antibody / RCC1 / CHC1 [clone 7B5D2] (RQ7122)

Catalog No.	Formulation	Size
RQ7122	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	7B5D2
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P18754
Localization	Nuclear, cytoplasmic
Applications	Western blot: 0.5-1ug/ml
Limitations	This Regulator of Chromosome Condensation antibody is available for research use only.



Western blot testing of human 1) 293T, 2) A431, 3) HepG2 and 4) Raji cell lysate with Regulator of Chromosome Condensation antibody. Predicted molecular weight ~45 kDa.

Description

Regulator of Chromosome Condensation, also named RCC1, SNHG3-RCC1 and CHC1 (Chromosome condensation protein 1), promotes the exchange of ran-bound gdp by gtp. It is involved in the regulation of onset of chromosome

condensation in the S-phase. Phosphorylation of RCC1 on serines located in or near its nuclear localization signal activates RCC1 to generate RanGTP on mitotic chromosomes, which is required for spindle assembly and chromosome segregation.

Application Notes

Optimal dilution of the Regulator of Chromosome Condensation antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A14-S421) was used as the immunogen for the Regulator of Chromosome Condensation antibody.

Storage

After reconstitution, the Regulator of Chromosome Condensation antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.