



RCC1 Monoclonal Antibody

Catalog No	YP-mAb-10619
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RCC1 CHC1
Immunogen	Synthetic peptide from human protein at AA range: 301-350
Specificity	The antibody detects endogenous RCC1 protein
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RCC1 I;CHC1;RCC1;RCC1 CHC1;regulator of chromosome condensation 1; SNHG3-RCC1 readthrough transcript
Observed Band	45kD
Calculated Molecular Weight	45kD
Cell Pathway	Nucleus . Chromosome . Cytoplasm . Predominantly nuclear in interphase cells (PubMed:12194828). Binds to mitotic chromosomes (PubMed:12194828, PubMed:17435751, PubMed:20668449). .
Tissue Specificity	Brain,Breast,Epithelium,Eye,Muscle,Testis,
Function	disease:Patients with Raynaud disease produce antibodies that bind to RCC1., function:Promotes the exchange of Ran-bound GDP by GTP. Involved in the regulation of onset of chromosome condensation in the S phase. Binds to the chromatin. RCC1/Ran complex (together with other proteins) acts as a component of a signal transmission pathway that detects unreplicated DNA., similarity:Contains 7 RCC1 repeats.,subcellular location:Becomes dispersed throughout the cytoplasm during mitosis.,



Background

disease: Patients with Raynaud disease produce antibodies that bind to RCC1.,
function: Promotes the exchange of Ran-bound GDP by GTP. Involved in the regulation of onset of chromosome condensation in the S phase. Binds to the chromatin. RCC1/Ran complex (together with other proteins) acts as a component of a signal transmission pathway that detects unreplicated DNA.,
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subcellular location: Becomes dispersed throughout the cytoplasm during mitosis.,

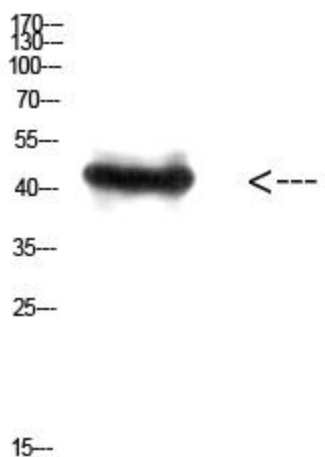
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using RCC1 Monoclonal Antibody