



Anti-rcc1-a (full length) polyclonal antibody (CABT-BL3117)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant full length protein (Xenopus laevis) - His-tagged and purified from E. coli.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Xenopus laevis
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	IP, IF, WB
Cellular Localization	Nucleus. Cytoplasm. Becomes dispersed throughout the cytoplasm during mitosis.
Format	Liquid
Buffer	PBS, Whole Serum
Preservative	0.1% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Guanine-nucleotide releasing factor that promotes the exchange of Ran-bound GDP by GTP. Involved in the regulation of onset of chromosome condensation in the S phase. Binds both to the nucleosomes and double-stranded DNA. RCC1-Ran complex (together with other proteins)
---------------------	---

acts as a component of a signal transmission pathway that detects unreplicated DNA. Plays a key role in nucleo-cytoplasmic transport, mitosis and nuclear-envelope assembly.

GENE INFORMATION

Entrez Gene ID	397722
----------------	------------------------

Protein Refseq	NP_001081229
----------------	------------------------------

UniProt ID	P25183
------------	------------------------
