

Rabbit anti-Human RCC1 Polyclonal Antibody | anti-RCC1 antibody

RCC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302586	Rabbit	Human	Immunohistochemistry, Western Blot

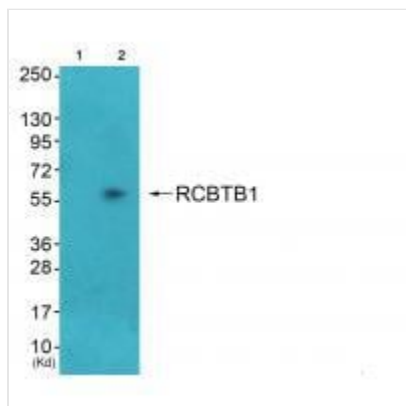
PRODUCT SYNONYMS

RCC1; Polyclonal Antibody; RCC1 Antibody; CHC1; Cell cycle regulatory protein; Regulator of chromosome condensation; anti-RCC1 antibody

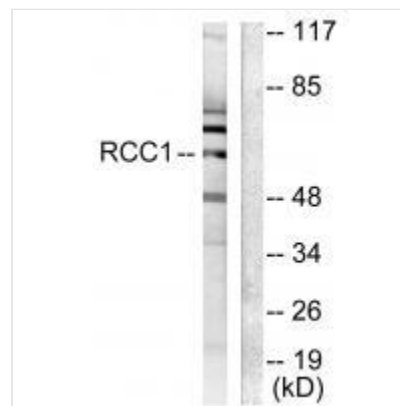
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total RCC1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	452
Applicable Applications for anti-RCC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human RCC1.
Target Name	RCC1
Preparation and Storage	Store at -20 degree C

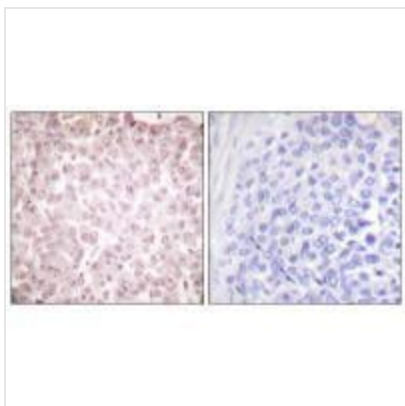
IMAGES


WB (Western Blot)

Western blot analysis of extracts from HepG2 cells (Lane 2), cells (Lane 3) and cells (Lane 4), using RCC1 antibody. The lane on the left is treated with synthesized peptide.


WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using RCC1 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using RCC1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RCC1 antibody	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.M Dasso, Mol. Cell. Biol., Aug 1992; 12: 3337 - 3345. Hoi Yeung Li, J. Cell Biol., Mar 2003; 160: 635. Michael E. Nemergut, Science, May 2001; 292: 1540. Ian Cushman, Mol. Biol. Cell, Jan 2004; 15: 245.
Product Categories/Family for anti-RCC1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	114796644
NCBI GeneID	1104
NCBI Accession #	NP_001041659.1
NCBI GenBank Nucleotide #	NM_001048194.2
UniProt Accession #	P18754; Q16269; Q6NT97
Molecular Weight	48,146 Da
NCBI Official Full Name	regulator of chromosome condensation isoform a
NCBI Official Synonym Full Names	regulator of chromosome condensation 1
NCBI Official Symbol	RCC1
NCBI Official Synonym Symbols	CHC1; RCC1-I; SNHG3-RCC1
NCBI Protein Information	regulator of chromosome condensation
UniProt Protein Name	Regulator of chromosome condensation
UniProt Gene Name	RCC1
UniProt Synonym Gene Names	CHC1
UniProt Entry Name	RCC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

