

Rabbit RCC2 Polyclonal Antibody | anti-RCC2 antibody

RCC2 Antibody

CATALOG # AAA322610	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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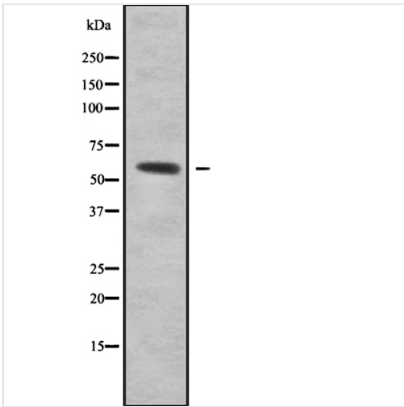
PRODUCT SYNONYMS

RCC2; Polyclonal Antibody; RCC2 Antibody; KIAA1470; Protein RCC2; RCC 2; RCC1 like protein TD 60; RCC1-like protein TD-60; RCC2_HUMAN; Regulator of chromosome condensation 2; TD60; Telophase disk protein of 60 kDa; anti-RCC2 antibody

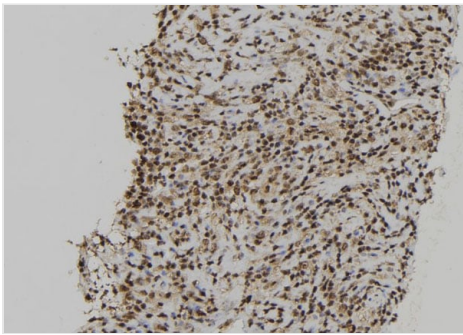
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RCC2 antibody detects endogenous levels of total RCC2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	522
Applicable Applications for anti-RCC2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RCC2
Subcellular Location	Nucleus > Nucleolus. Chromosome > Centromere. Cytoplasm > Cytoskeleton > Spindle. Appears in the nucleus at G2, then concentrates at the inner centromere region of chromosomes during prophase. Redistributes to the midzone of the mitotic spindle during anaphase. Here, the protein covers the entire equatorial diameter from cortex to cortex.
Predicted Cross Reactivity	Zebrafish, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Zebrafish (92%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of RCC2 using HepG2 whole cell lysates



IHC (Immunohistochemistry)
AAA322610 at 1/100 staining Human spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-RCC2 antibody	Function: Required for completion of mitosis and cytokinesis. May function as a guanine nucleotide exchange factor for the small GTPase RAC1. Subunit Structure: Binds preferentially to the nucleotide-free form of RAC1. Interacts with microtubules.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209969703
NCBI GeneID	55920
NCBI Accession #	NP_001129676.1
NCBI GenBank Nucleotide #	NM_001136204.2
UniProt Accession #	Q9P258; Q8IVL9; Q9BSN6; Q9NPV8
Molecular Weight	Observed: 56 kDa Predicted: 57 kDa
NCBI Official Full Name	protein RCC2
NCBI Official Synonym Full Names	regulator of chromosome condensation 2
NCBI Official Symbol	RCC2
NCBI Official Synonym Symbols	TD-60
NCBI Protein Information	protein RCC2
UniProt Protein Name	Protein RCC2
UniProt Gene Name	RCC2
UniProt Synonym Gene Names	KIAA1470; TD60

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.