

Product datasheet

Anti-RCC2 antibody ab86337

2 Images

Overview

Product name	Anti-RCC2 antibody
Description	Rabbit polyclonal to RCC2
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish
Immunogen	Synthetic peptide within residues: IRSLACGKSS IVAADESTISWGPSPTFGE LGYGDHKPKS STAAQEVKTL, corresponding to internal sequence amino acids 432-481 of Human RCC2 (NP_061185) Run BLAST with ExPASy Run BLAST with NCBI
Positive control	293T cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab86337** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

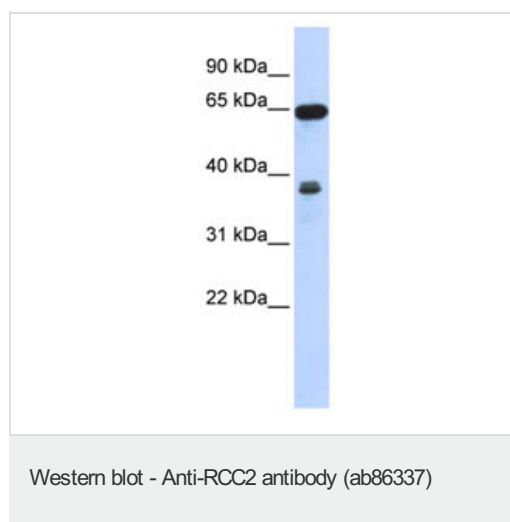
Application	Abreviews	Notes
IP		1/500.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 56 kDa (predicted molecular weight: 56 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	Required for completion of mitosis and cytokinesis. May function as a guanine nucleotide exchange factor for the small GTPase RAC1.
Sequence similarities	Contains 7 RCC1 repeats.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	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.

Images

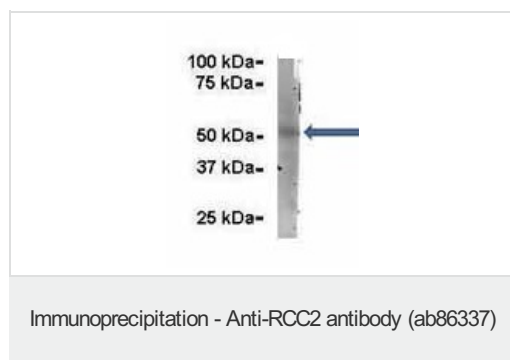


Anti-RCC2 antibody (ab86337) at 1 µg/ml +
293T cell lysate at 10 µg

Secondary

anti-Rabbit IgG HRP at 1/50000 dilution

Predicted band size: 56 kDa



IP using ab86337 at 2 µg/ml of Mouse brain
homogenate

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