

Rabbit anti-Human RCC2 Polyclonal Antibody | anti-RCC2 antibody

Anti-RCC2 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126454	Rabbit	Human	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

RCC2; Polyclonal Antibody; Anti-RCC2 Antibody Picoband; anti-RCC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-RCC2 antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human RCC2 recombinant protein (Position: K293-L522).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



IF (Immunofluorescence)

Figure 2. IF analysis of RCC2 using anti-RCC2 antibody (AAA126454). RCC2 was detected in an immunocytochemical section of MCF-7 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-RCC2 Antibody (AAA126454) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of RCC2 using anti-RCC2 antibody (AAA126454). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HepG2 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-RCC2 antigen affinity purified polyclonal antibody (#AAA126454) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for RCC2 at approximately 56 kDa. The expected band size for RCC2 is at 56 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RCC2 antibody	Protein RCC2 also known as telophase disk protein of 60 kDa (TD-60) or RCC1-like protein TD-60 is a protein that in humans is encoded by the RCC2 gene. The protein encoded by this gene is a guanine exchange factor that is active on RalA, a small GTPase. The encoded protein and RalA are both essential for proper kinetochore-microtubule function in early mitosis. This protein has been shown to be a biomarker for colorectal cancer.
Product Categories/Family for anti-RCC2 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

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	56,085 Da
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; RCC1-like protein TD-60; telophase disk protein of 60 kDa
UniProt Protein Name	Protein RCC2
UniProt Gene Name	RCC2
UniProt Synonym Gene Names	KIAA1470; TD60
UniProt Entry Name	RCC2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rcc2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/126454>