

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

Rabbit anti-PRCC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211848	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

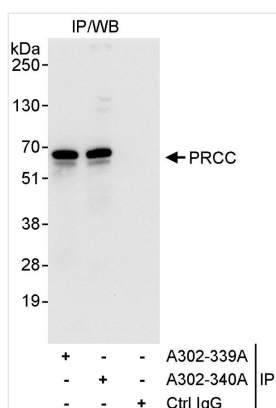
PRODUCT SYNONYMS

PRCC; Polyclonal Antibody; Rabbit anti-PRCC Antibody; Affinity Purified; papillary renal cell carcinoma translocation-associated gene protein; proline rich mitotic checkpoint control factor; proline-rich protein PRCC; RCCP1; TPRC; papillary renal cell carcinoma (translocation-associated); Proline-rich protein PRCC; anti-PRCC antibody

PRODUCT SPECIFICATIONS

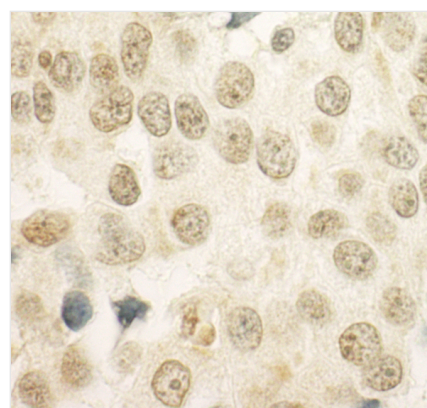
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PRCC antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 125 and 175
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human PRCC by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PRCC antibody AAA211848 used for IP at 3 ug/mg lysate. PRCC was also immunoprecipitated by rabbit anti-PRCC antibody which recognizes a downstream epitope. For blotting immunoprecipitated PRCC, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human PRCC by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PRCC (Cat. No. AAA211848 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PRCC antibody	In a subset of papillary renal cell carcinomas, a t(X;1)(p11;q21) chromosome translocation has been repeatedly reported and is thought to be the cause of the cancer. As a result of the translocation, the transcription factor TFE3 on the X chromosome becomes fused to the PRCC (papillary renal cell carcinoma translocation-associated) gene on chromosome 1. The fused gene results in the fusion of N-terminal proline-rich region of the protein encoded by this gene to the entire TFE3 protein. This protein has been shown to interact with the mitotic checkpoint protein MAD2B, which suggests that the dominant-negative effect of the fusion protein with TFE3 may lead to a mitotic checkpoint defect [taken from NCBI GeneID:5546].
Product Categories/Family for anti-PRCC antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807447
NCBI GeneID	5546
NCBI Accession #	NP_005964.3
NCBI GenBank Nucleotide #	NM_005973.4
UniProt Accession #	Q92733; O00665; O00724; Q5SZ06; A8K1F7
Molecular Weight	52,418 Da
NCBI Official Full Name	proline-rich protein PRCC
NCBI Official Synonym Full Names	papillary renal cell carcinoma (translocation-associated)
NCBI Official Symbol	PRCC
NCBI Official Synonym Symbols	TPRC; RCCP1
NCBI Protein Information	proline-rich protein PRCC
UniProt Protein Name	Proline-rich protein PRCC
UniProt Gene Name	PRCC
UniProt Synonym Gene Names	TPRC

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://www.aaabiotech.com/polyclonal/prcc-antibody-immunohistochemistry-immunoprecipitation-elisa/211848>