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# PRCC/Papillary renal cell carcinoma Rabbit pAb

PRCC/Papillary renal cell carcinoma Rabbit pAb
Catalog # AP57856

## Product Information

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|---|---|
| **Application** | WB, IHC-P, IHC-F, IF |
| **Primary Accession** | Q92733 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Rat, Pig, Rabbit, Horse, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 52418 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human PRCC |
| **Epitope Specificity** | 401-491/491 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SUBCELLULAR LOCATION** | Nucleus. |
| **DISEASE** | Note=A chromosomal aberration involving PRCC is found in patients with papillary renal cell carcinoma. Translocation t(X;1)(p11.2;q21.2) with TFE3. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | This gene encodes a protein that may play a role in pre-mRNA splicing. Chromosomal translocations (X;1)(p11;q21) that result in fusion of this gene to TFE3 (GeneID 7030) have been associated with papillary renal cell carcinoma. A PRCC-TFE3 fusion protein is expressed in affected carcinomas and is likely associated with altered gene transactivation. This fusion protein has also been associated with disruption of the cell cycle.[provided by RefSeq, Aug 2010] |

## Additional Information

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| **Gene ID** | 5546 |
| **Other Names** | Proline-rich protein PRCC, Papillary renal cell carcinoma translocation-associated gene protein, PRCC, TPRC |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

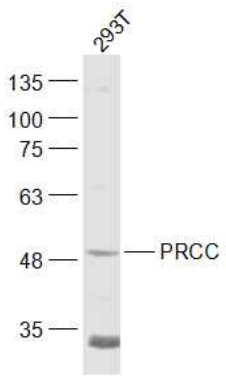
## Protein Information

| | |
|---|---|
| **Name** | PRCC |
| **Synonyms** | TPRC |
| **Function** | May regulate cell cycle progression through interaction with MAD2L2. |
| **Cellular Location** | Nucleus. |
| **Tissue Location** | Ubiquitous in fetal and adult tissues. |

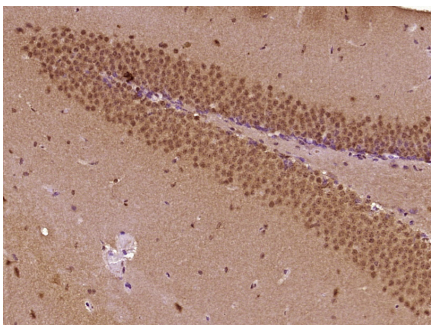
## Background

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## Images




Sample:
293T(Human) Cell Lysate at 30 ug
Primary: Anti-PRCC (AP57856) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 52 kD
Observed band size: 52 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PRCC/Papillary renal cell carcinoma) Polyclonal Antibody, Unconjugated (AP57856) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.