

## PRCC rabbit monoclonal antibody

Catalog # H00005546-K

Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human PRCC peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human PRCC is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human PRCC peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — PRCC

Entrez GeneID	<a href="#">5546</a>
GeneBank Accession#	<a href="#">PRCC</a>
Gene Name	PRCC
Gene Alias	MGC17178, MGC4723, RCCP1, TPRC
Gene Description	papillary renal cell carcinoma (translocation-associated)
Omim ID	<a href="#">179755 605074</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 this 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. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000038719[papillary renal cell carcinoma translocation-associated gene product]proline-rich protein PRCC