

Datasheet for ABIN7451980 anti-PRCC antibody (AA 425-475)



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Overview

Quantity:	100 µg
Target:	PRCC
Binding Specificity:	AA 425-475
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRCC antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-PRCC Antibody, Affinity Purified
Immunogen:	between AA 425 and 475
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PRCC
Alternative Name:	PRCC (PRCC Products)
Background:	Background: 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

Target Details

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].

Gene ID: 5546

NCBI Accession: [NP_005964](#)

UniProt: [Q92733](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months