



## Datasheet for ABIN306896 **anti-PP5.2 antibody (C-Term)**



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	PP5.2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PP5.2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Rabbits were immunized with a Synthetic peptide derived from the human protein phosphatase 5 proteins
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Serine/threonine-protein phosphatase 5 (EC 3.1.3.16) (PP5) (Protein phosphatase T) (PP-T) (PPT), PPP5C, PPP5, Protein phosphatase 5 (PP5) is a novel human protein serine/threonine phosphatase of molecular weight of 58 kDa. It is made up of a C-terminal phosphatase catalytic domain and an N-terminal domain, which has four repeats of 34 amino acids, three of which are tandemly arranged. The phosphatase domain contains all of the invariant motifs of the PP1/PP2A/PP2B gene family. However, it is not closely related to any other known member of this family of phosphatases. Thus it makes up a new subfamily of phosphatases. PP5

## Product Details

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expressed in bacteria has been shown to dephosphorylate serine residues in proteins and is more sensitive than PP1 to the tumor promoter okadaic acid. PP5 appears to be localized to the nucleus suggesting that, like other nuclear tetratricopeptide (TPR)-containing proteins, it may play a role in the regulation of RNA biogenesis and mitosis.

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Purification: Ammonium Sulfate Precipitation

## Target Details

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Target: PP5.2

Alternative Name: Protein Phosphatase 5 ([PP5.2 Products](#))

## Application Details

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Application Notes: This antibody can be used for Western blotting (5-10 µg/mL). Other applications being evaluated. Optimal concentration should be evaluated by serial dilutions.

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Restrictions: For Research Use only

## Handling

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Buffer: Provided as solution in phosphate buffered saline with 0.08 % sodium azide

Preservative: Sodium azide

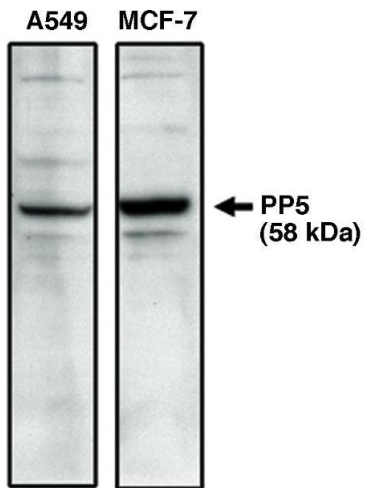
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles



### Western Blotting

**Image 1.** Western blot analysis using PP5 specific antibody on A549 and MCF-7 cell lysates.