

**PCOTH Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10641c**

**Specification**

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**PCOTH Antibody (Center) - Product Information**

Application	<b>WB, IHC-P, FC,E</b>
Primary Accession	<a href="#">O58A44</a>
Other Accession	<a href="#">NP_001014442.2</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit IgG</b>
Calculated MW	<b>10968</b>
Antigen Region	<b>14-42</b>

**PCOTH Antibody (Center) - Additional Information**

**Other Names**

Prostate collagen triple helix protein, C1QTNF9B antisense RNA 1, C1QTNF9B antisense gene protein 1, C1QTNF9B-AS1, PCOTH

**Target/Specificity**

This PCOTH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-42 amino acids from the Central region of human PCOTH.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PCOTH Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**PCOTH Antibody (Center) - Protein Information**

**Name** PCOTH

**Synonyms** C1QTNF9B-AS1

**Function** May be involved in growth and survival of prostate cancer cells through the TAF-Ibeta pathway.

**Cellular Location**

Cytoplasm.

**Tissue Location**

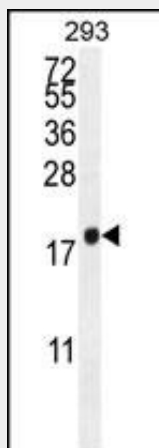
Expressed in prostate and testis. Weakly or not expressed in other tissues. Overexpressed in prostate cancers

**PCOTH Antibody (Center) - Protocols**

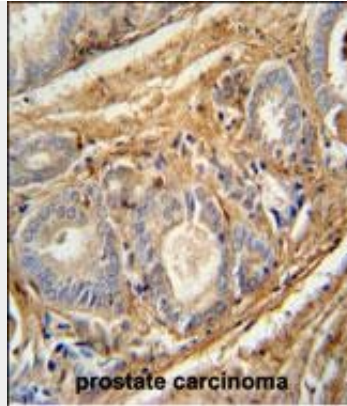
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

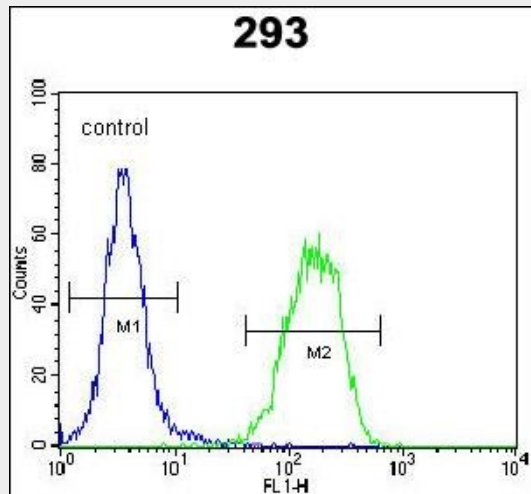
**PCOTH Antibody (Center) - Images**



PCOTH Antibody (Center) (Cat. #AP10641c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the PCOTH antibody detected the PCOTH protein (arrow).



PCOTH antibody (Center) (Cat. #AP10641c) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PCOTH antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



PCOTH Antibody (Center) (Cat. #AP10641c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**PCOTH Antibody (Center) - Background**

May be involved in growth and survival of prostate cancer cells through the TAF-Ibeta pathway.

**PCOTH Antibody (Center) - References**

Anazawa, Y., et al. Cancer Res. 65(11):4578-4586(2005)