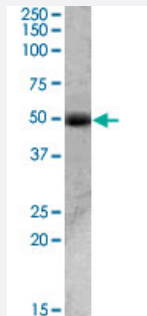


# ACPP polyclonal antibody

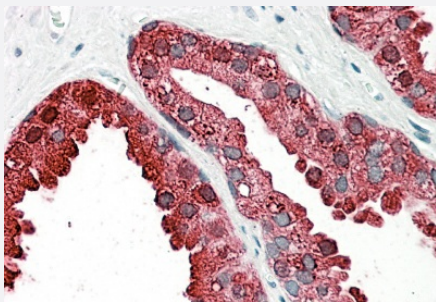
Catalog # PAB19474      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

ACPP polyclonal antibody (Cat # PAB19474)(0.01 ug/mL) staining of human prostate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

ACPP polyclonal antibody (Cat # PAB19474) (3.8 ug/mL) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of ACPP.
<b>Immunogen</b>	A synthetic peptide corresponding to internal region of human ACPP.
<b>Sequence</b>	C-NHMKRATQIPSYKK
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	48.3
<b>Reactivity</b>	Human
<b>Form</b>	Liquid

<b>Purification</b>	Ammonium sulfate precipitation
<b>Recommend Usage</b>	ELISA (1:32000) Immunohistochemistry (3-5 ug/mL) Western Blot (0.01-0.03 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ACPP

<b>Entrez GeneID</b>	<a href="#">55</a>
<b>Protein Accession#</b>	<a href="#">NP_001127666.1;NP_001090.2</a>
<b>Gene Name</b>	ACPP
<b>Gene Alias</b>	ACP-3, ACP3, PAP
<b>Gene Description</b>	acid phosphatase, prostate
<b>Omim ID</b>	<a href="#">171790</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isoform has been found for this gene. This isoform contains a transmembrane domain and is localized in the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq]

**Other Designations**

prostatic acid phosphatase

**Pathway**

- [gamma-Hexachlorocyclohexane degradation](#)
- [Riboflavin metabolism](#)

**Disease**

- [Tobacco Use Disorder](#)