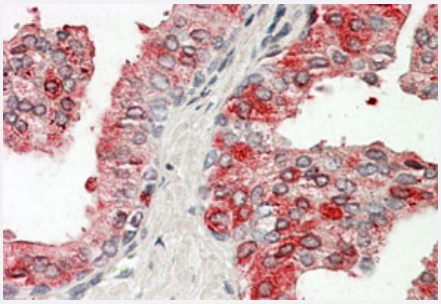
ACPP polyclonal antibody

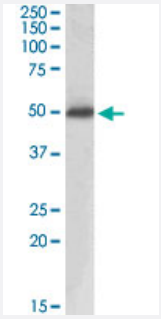
Catalog # PAB19651 Size 100 ug

Applications



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

ACPP polyclonal antibody (Cat # PAB19651) (3.8 ug/mL) staining of paraffin embedded human prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot (Tissue lysate)

ACPP polyclonal antibody (Cat # PAB19651) (0.3 ug/mL) staining of human prostate lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ACPP.
Immunogen	A synthetic peptide corresponding to internal region of human ACPP.
Sequence	C-YGIHKQKEKSRLQ
Host	Goat
Theoretical MW (kDa)	44.6
Reactivity	Human
Specificity	This antibody is expected to recognize both isoforms (NP_001090.2; NP_001127666.1).

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Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Western Blot (0.3-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  ACPP polyclonal antibody (Cat # PAB19651) (3.8 ug/mL) staining of paraffin embedded human prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  ACPP polyclonal antibody (Cat # PAB19651) (0.3 ug/mL) staining of human prostate lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — ACPP

Entrez GeneID	55
Protein Accession#	NP_001090.2
Gene Name	ACPP
Gene Alias	ACP-3, ACP3, PAP
Gene Description	acid phosphatase, prostate
Omim ID	171790

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Gene Ontology	Hyperlink
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 phosphotase

Pathway

- gamma-Hexachlorocyclohexane degradation
- Riboflavin metabolism

Disease

- Tobacco Use Disorder

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