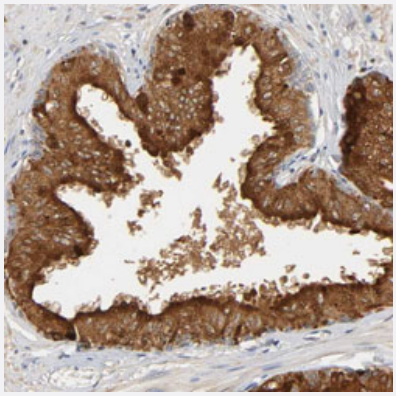
ACPP polyclonal antibody

Catalog # PAB30373 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate with ACPP polyclonal antibody (Cat # PAB30373) shows strong cytoplasmic positivity in glandular cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ACPP.
Immunogen	Recombinant protein corresponding to human ACPP.
Sequence	QLLYLPFRNCPRFQELESETLKSEEFQKRLHPYKDFIATLGKLSGLHGQDLFGIWSKVYDPLYCES VHNFTLPSWATEDTMTKLRELSELSLLSLYGIHKQKEKSRLQGGVLVNEILNHMKRAT
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

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Storage Instruction	Store at 4°C. For long term storage 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.

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Gene Info — ACPP

Entrez GeneID	55
Protein Accession#	P15309
Gene Name	ACPP
Gene Alias	ACP-3, ACP3, PAP
Gene Description	acid phosphatase, prostate
Omim ID	171790
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alc ohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epith elial cells of the prostate gland. An alternatively spliced transcript variant encoding a longer isofor m has been found for this gene. This isoform contains a transmembrane domain and is localized i n the plasma membrane-endosomal-lysosomal pathway. [provided by RefSeq
Other Designations	prostatic acid phosphotase

Pathway

- gamma-Hexachlorocyclohexane degradation
- Riboflavin metabolism

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Disease

- Tobacco Use Disorder

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