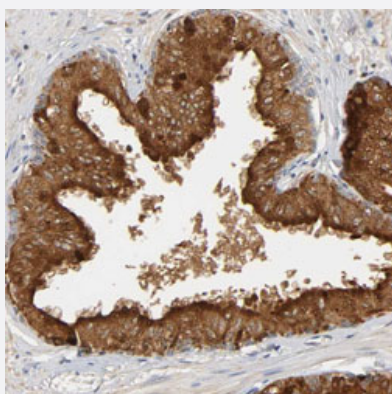


ACPP polyclonal antibody

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	QLLYLPFRNCPRFQELESETLKSEEFQKRLHPYKDFIATLGKLSGLHGQDLFGWSKVYDPLYCES VHNF TLP SWATEDTMTKLRELSLSLLSYGIHKQKEKSRLQGGVLVNEILNHMKRAT
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).

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 should be handled by trained staff only.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate with ACP3 polyclonal antibody (Cat # PAB30373) shows strong cytoplasmic positivity in glandular cells at 1:200-1:500 dilution.

Gene Info — ACP3

Entrez GeneID[55](#)**Protein Accession#**[P15309](#)**Gene Name**

ACP3

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 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](#)