

# Prostatic Acid Phosphatase (ACPP) Rabbit pAb

Catalog No.: A13457

## Basic Information

### Observed MW

### Calculated MW

45kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P

### Cross-Reactivity

Human

## Background

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.

## Recommended Dilutions

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

55

### Swiss Prot

P15309

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 40-300 of human Prostatic Acid Phosphatase (PAP/Prostatic Acid Phosphatase (ACPP)) (NP\_001090.2).

### Synonyms

ACPP; 5'-NT; ACP-3; TM-PAP; Prostatic Acid Phosphatase (ACPP)

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

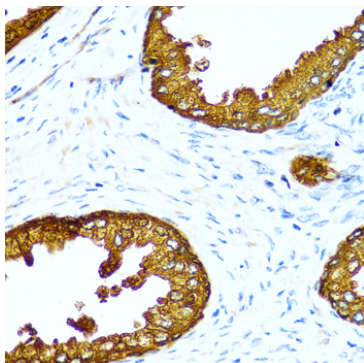
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Immunohistochemistry analysis of Prostatic Acid Phosphatase (ACPP) in paraffin-embedded human prostate using Prostatic Acid Phosphatase (PAP/Prostatic Acid Phosphatase (ACPP)) antibody (A13457) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.