

# Prostatic Acid Phosphatase (ACPP) Rabbit mAb

Catalog No.: A4138 **Recombinant**

## Basic Information

### Observed MW

45kDa

### Calculated MW

45kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2124

## 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

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

55

### Swiss Prot

P15309

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Prostatic Acid Phosphatase(PAP/ACPP) (P15309).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

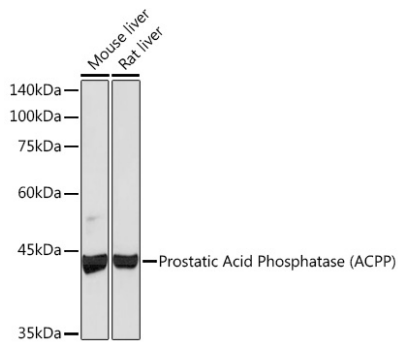
### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using Prostatic Acid Phosphatase (ACPP) (PAP/ACPP) Rabbit mAb (A4138) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.