

A4138

Leader in Biomolecular Solutions for Life Science



Prostatic Acid Phosphatase (ACPP) Rabbit mAb

Catalog No.: A4138 **Recombinant**

Basic Information

Observed MW

45kDa

Calculated MW

45kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB, ELISA

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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

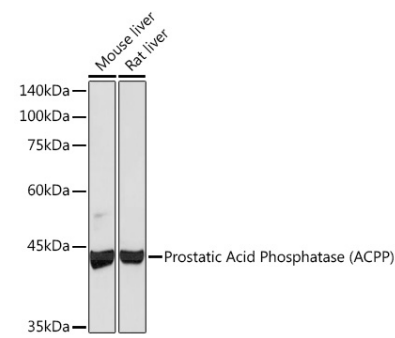
Affinity purification

Storage

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

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

Validation Data



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.