

Prostatic Acid Phosphatase (PSAP) Rabbit mAb

Catalog No.: A21195 **Recombinant**

Basic Information

Observed MW

50kDa

Calculated MW

45kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Rat

CloneNo number

ARC53079

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 1:1000 - 1:5000

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 33-386 of human Prostatic Acid Phosphatase (ACPP) (NP_001090.2).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

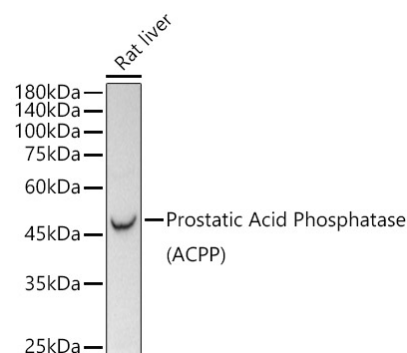
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Rat liver, using Prostatic Acid Phosphatase (PSAP) Rabbit mAb (A21195) at 1:1800 dilution.

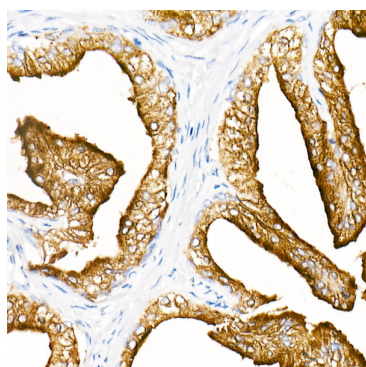
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

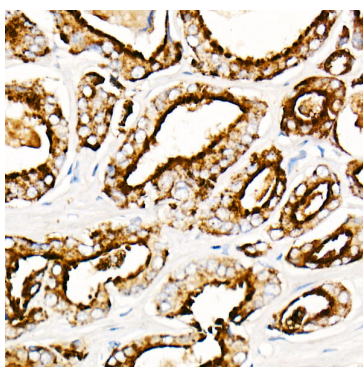
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human benign prostatic hyperplasia using Prostatic Acid Phosphatase (ACPP) Rabbit mAb (A21195) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human prostate cancer using Prostatic Acid Phosphatase (ACPP) Rabbit mAb (A21195) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.