

Datasheet for ABIN6940391

**anti-ACPP antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	ACPP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACPP antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant full-length human ACPP protein
Clone:	ACPP-1338
Isotype:	IgG1 kappa
Specificity:	Recognizes a protein of 52 kDa, identified as prostate specific acid phosphatase (PSAP). This enzyme 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. PSAP is found in non-neoplastic adult and fetal prostatic glands, primary and metastatic prostatic carcinomas. It shows no staining in granulocytes, osteoclasts, parietal cells of the stomach, liver cells, renal cell or breast carcinomas.
Purification:	Purified by Protein A/G

## Target Details

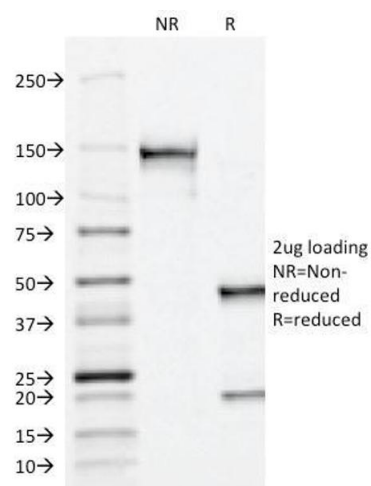
Target:	ACPP
Alternative Name:	ACPP ( <a href="#">ACPP Products</a> )
Molecular Weight:	52kDa
Gene ID:	55
UniProt:	<a href="#">P15309</a>
Pathways:	<a href="#">Synaptic Membrane</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	Positive Control: PC12 cells. Normal prostate or prostate carcinoma. Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

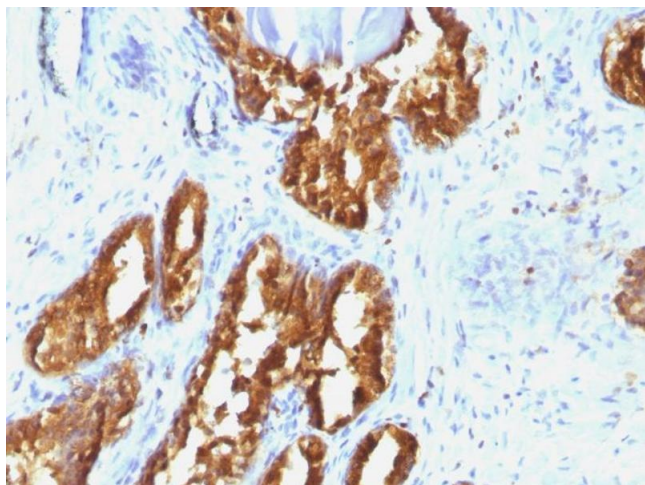
## Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified PSAP Mouse Monoclonal Antibody (ACPP/1338). Confirmation of Integrity and Purity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with PSAP Mouse Monoclonal Antibody (ACPP/1338).