

Datasheet for ABIN391855  
**anti-ACPP antibody (C-Term)**



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2 Images

## Overview

Quantity:	400 µL
Target:	ACPP
Binding Specificity:	AA 313-341, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACPP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ACPP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 313-341 amino acids from the C-terminal region of human ACPP.
Clone:	RB15146
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ACPP
Alternative Name:	ACPP ( <a href="#">ACPP Products</a> )
Background:	ACPP is an enzyme which catalyzes the conversion of orthophosphoric monoester to alcohol

## Target Details

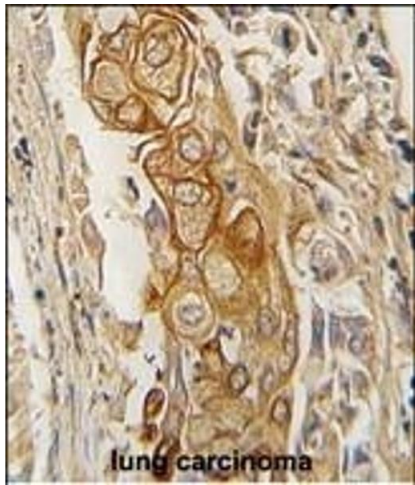
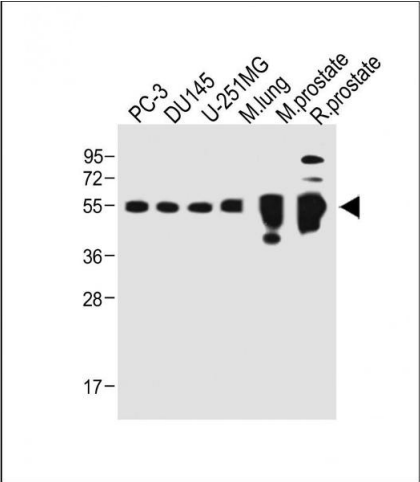
	and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland.
Molecular Weight:	44566
Gene ID:	55
NCBI Accession:	<a href="#">NP_001090</a> , <a href="#">NP_001127666</a>
UniProt:	<a href="#">P15309</a>
Pathways:	<a href="#">Synaptic Membrane</a> , <a href="#">Ribonucleoside Biosynthetic Process</a>

## Application Details

Application Notes:	WB: 1:500. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium 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,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Western Blotting

**Image 1.** All lanes : Anti-AC Antibody (C-term) at 1:500 dilution Lane 1: PC-3 whole cell lysate Lane 2: D whole cell lysate Lane 3: U-251MG whole cell lysate Lane 4: Mouse lung whole tissue lysate Lane 5: Mouse prostate whole tissue lysate Lane 5: Rat prostate whole tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with AC antibody (C-term) (ABIN391855 and ABIN2841687) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.