

Datasheet for ABIN391855
anti-ACPP antibody (C-Term)[Go to Product page](#)

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 (ACPP Products)
Background:	ACPP is an enzyme which catalyzes the conversion of orthophosphoric monoester to alcohol

Target Details

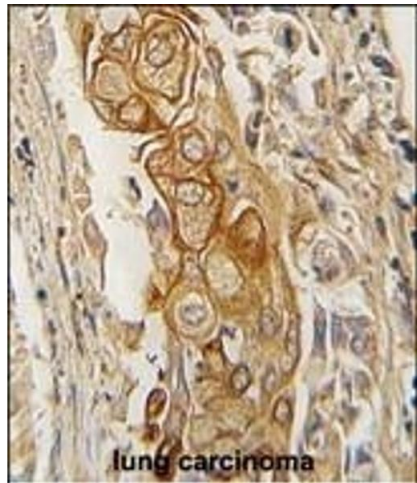
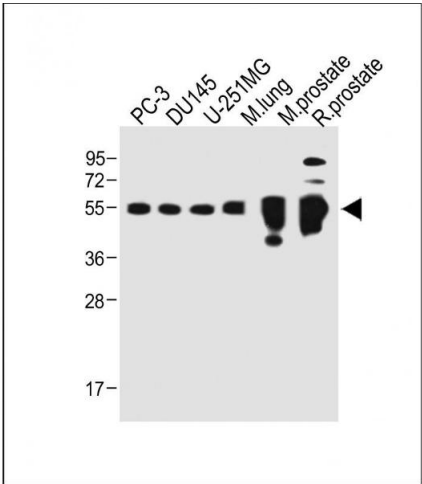
	and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland.
Molecular Weight:	44566
Gene ID:	55
NCBI Accession:	NP_001090 , NP_001127666
UniProt:	P15309
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

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.