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Datasheet for ABIN3022672

anti-ACPP antibody (AA 40-300)

6 Images

Overview

Quantity:	100 µL
Target:	ACPP
Binding Specificity:	AA 40-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACPP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 40-300 of human Prostatic Acid Phosphatase (PAP/Prostatic Acid Phosphatase (ACPP)) (NP_001090.2).
Sequence:	LVFRHGDRSP IDTFPTDPIK ESSWPQGFQ LTQLGMEQHY ELGEYIRKRY RKFLNESYKH EQVYIRSTDV DRTLMSAMTN LAALFPPEGV SIWNPILLWQ PIPVHTVPLS EDQLLYLPFR NCPRFQELES ETLKSEEFQK RLHPYKDFIA TLGKLSGLHG QDLFGIWSKV YDPLYCESVH NFTLPSWATE DTMTKLELS ELSLLSLYGI HKQKEKSRLQ GGVLVNEILN HMKRATQIPS YKKLIMYSAH DTTVSGLQMA L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

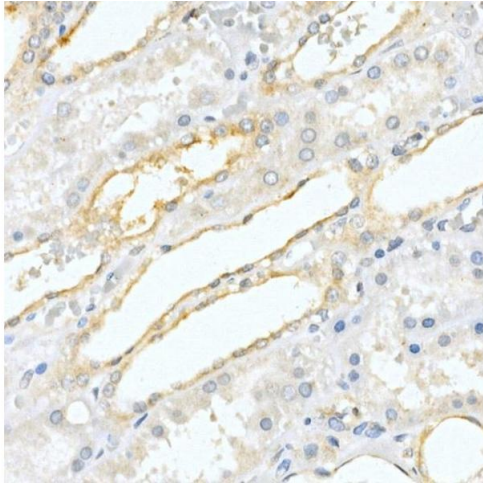
Target:	ACPP
Alternative Name:	ACPP (ACPP Products)
Background:	This gene encodes an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the prostate gland. An alternatively 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.,ACPP,5'-NT,ACP-3,ACP3,Cancer,Tumor biomarkers,Cell Biology & Developmental Biology,Ubiquitin,ACPP
Molecular Weight:	40 kDa/44 kDa/48 kDa
Gene ID:	55
UniProt:	P15309
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

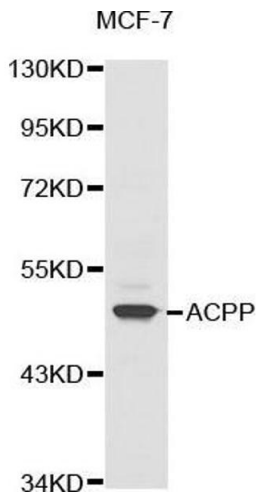
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



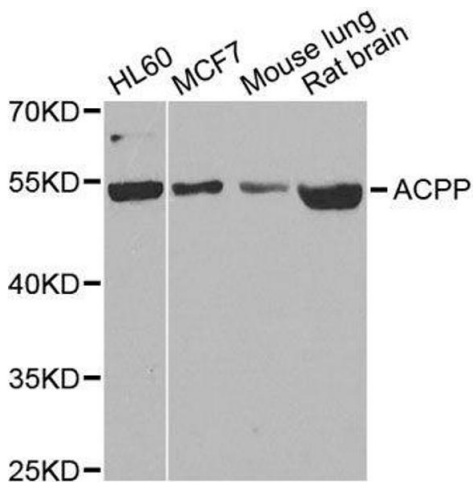
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney using Prostatic Acid Phosphatase (ACPP) Rabbit pAb (ABIN3022671, ABIN3022672, ABIN3022673 and ABIN6219082) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of MCF-7 cell line, using ACPP antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using ACPP antibody.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3022672.