

For Research Use Only

ACPP Recombinant monoclonal antibody

Catalog Number: 87842-1-RR



Basic Information

Catalog Number: 87842-1-RR	GenBank Accession Number: NM_001099.5	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 55	CloneNo.: 253501A5
Source: Rabbit	UNIPROT ID: P15309	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: acid phosphatase, prostate	
Immunogen Catalog Number: EG6542	Calculated MW: 45 kDa Observed MW: 40-50 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : VCaP cells, IHC : human prostate tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

ACPP is also named as PAP(prostatic acid phosphatase),5'-nucleotidase,thiamine monophosphatas and Belongs to the histidine acid phosphatase family.This enzyme is a homodimeric glycoprotein with a subunit molecular mass of 50 kDa and is an androgen-stimulated secretory product of the human prostate gland(PMID:8132635).It is also a non-specific phosphatase and has been implicated in the progression of prostate cancer, which inactivates LPA in human seminal plasma(PMID:15280042).

Storage

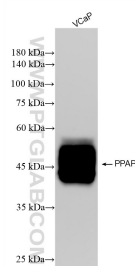
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

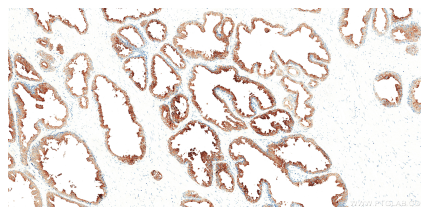
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

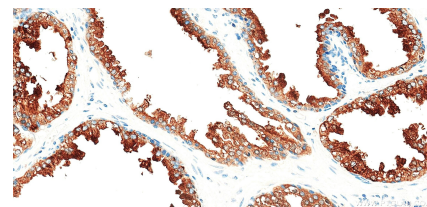
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87842-1-RR (ACPP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate tissue slide using 87842-1-RR (PPAP antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate tissue slide using 87842-1-RR (PPAP antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).