

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
Source: Rabbit	GeneID (NCBI): 55	CloneNo.: 253501A5
Isotype: IgG	UNIPROT ID: P15309	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Immunogen Catalog Number: EG6542	Full Name: acid phosphatase, prostate	
	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

For technical support and original validation data for this product please contact:

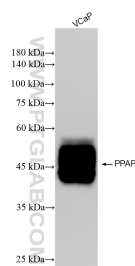
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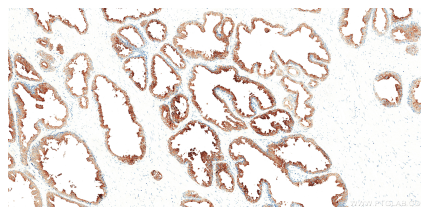
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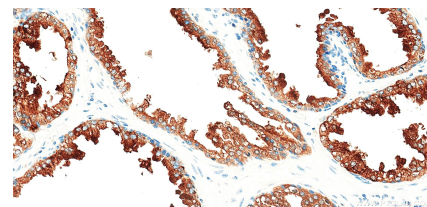
Selected Validation Data



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).