

For Research Use Only

ACPP Recombinant monoclonal antibody, PBS Only

Catalog Number: 87842-1-PBS



Basic Information

Catalog Number:

87842-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6542

GenBank Accession Number:

NM_001099.5

GeneID (NCBI):

55

UNIPROT ID:

P15309

Full Name:

acid phosphatase, prostate

Calculated MW:

45 kDa

Observed MW:

40-50 kDa

Purification Method:

Protein A purification

CloneNo.:

253501A5

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

ACPP is also named as PAP(prostatic acid phosphatase), 5'-nucleotidase, thiamine monophosphatase 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

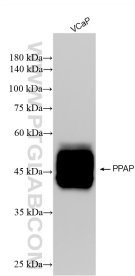
T: 4006900926

E: Proteintech-CN@ptglab.com

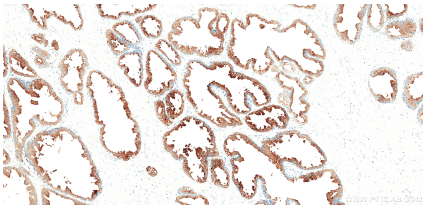
W: ptgcn.com

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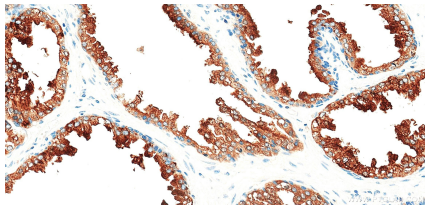
Selected Validation Data



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. This data was developed using the same antibody clone with 87842-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 87842-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 87842-1-PBS in a different storage buffer formulation.