

For Research Use Only

PPAP Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87842-2-PBS



Basic Information

Catalog Number:

87842-2-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

Purification Method:

Protein A purification

CloneNo.:

253501E5

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

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:

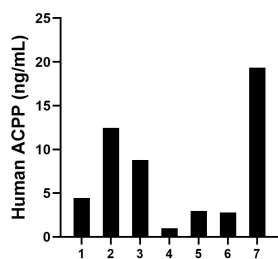
T: 4006900926

E: Proteintech-CN@ptglab.com

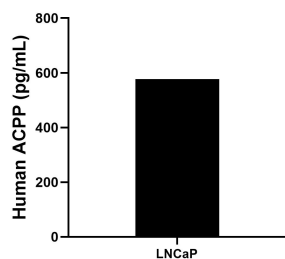
W: ptgcn.com

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

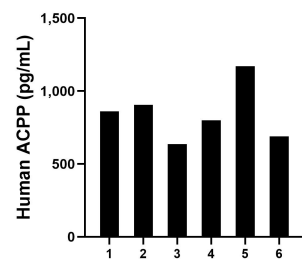
Selected Validation Data



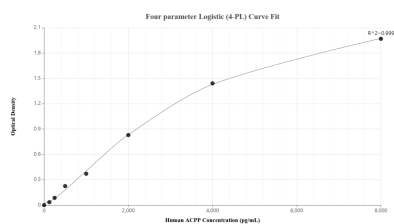
Urine of seven individual healthy human donors was measured. The ACPP concentration of detected samples was determined to be 7.4 ng/mL with a range of 1.0-19.4 ng/mL.



LNCaP cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 ug/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human ACPP, and measured 576.6 pg/mL.



Plasma of six individual healthy human donors was measured. The ACPP concentration of detected samples was determined to be 843.4 pg/mL with a range of 636.6-1,170.2 pg/mL.



Sandwich ELISA standard curve of MP03403-1, Human ACPP Recombinant Matched Antibody Pair - PBS only. 87842-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6542. 87842-2-PBS was HRP conjugated as the detection antibody. Range: 125-8000 pg/mL.