

For Research Use Only

PPAP Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87842-3-PBS



Basic Information

Catalog Number: 87842-3-PBS	GenBank Accession Number: NM_001099.5	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55	CloneNo.: 253501C8
Source: Rabbit	UNIPROT ID: P15309	
Isotype: IgG	Full Name: acid phosphatase, prostate	
Immunogen Catalog Number: EG6542	Calculated MW: 45 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87842-3-PBS targets PPAP as part of a matched antibody pair:

MP03403-1: 87842-3-PBS capture and 87842-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

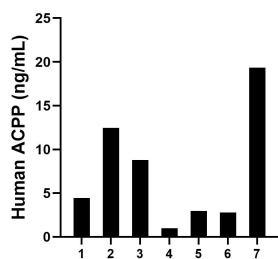
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

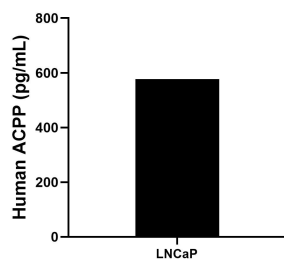
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

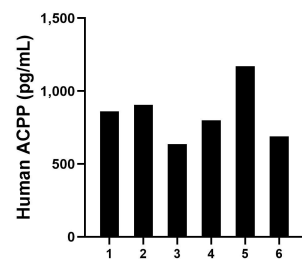
Selected Validation Data



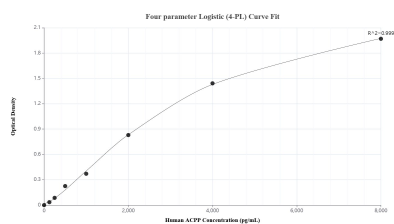
Urine of seven individual healthy human donors was measured. The ACPP concentration of detected samples was determined to be 7.4 ng/mL with a range of 1.0-19.4 ng/mL.



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.