

For Research Use Only

PPP1CA Polyclonal antibody

Catalog Number: 28617-1-AP

1 Publications



Basic Information

Catalog Number:

28617-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28451

GenBank Accession Number:

BC001888

GeneID (NCBI):

5499

UNIPROT ID:

P62136

Full Name:

protein phosphatase 1, catalytic subunit, alpha isoform

Calculated MW:

330 aa, 38 kDa

Observed MW:

37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Human

Cited Species:

human

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

Positive Controls:

WB : HeLa cells, LNCaP cells

IHC : human breast cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Bing Lu	39198689	Nat Cancer	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

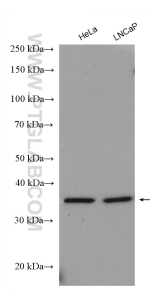
T: 4006900926

E: Proteintech-CN@ptglab.com

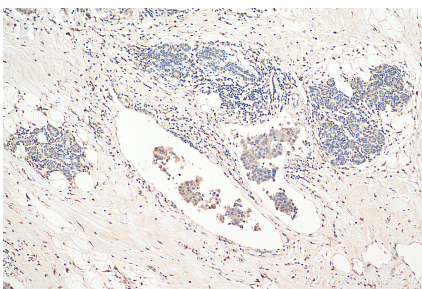
W: ptgcn.com

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

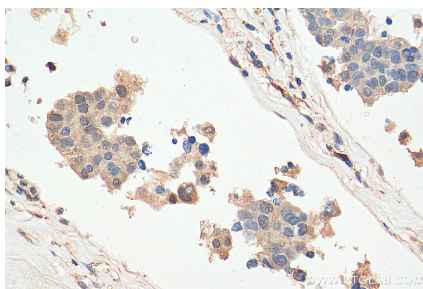
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28617-1-AP (PPP1CA antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 28617-1-AP (PPP1CA antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 28617-1-AP (PPP1CA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).