

For Research Use Only

PPP2CA Recombinant antibody

Catalog Number: 84155-5-RR



Basic Information

Catalog Number:

84155-5-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4294

GenBank Accession Number:

BC031696

GeneID (NCBI):

5515

UNIPROT ID:

P67775

Full Name:

protein phosphatase 2 (formerly 2A),
catalytic subunit, alpha isoform

Calculated MW:

309 aa, 36 kDa

Observed MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

241112B8

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, Jurkat cells

Background Information

PPP2CA, also named as RP-C and PP2A-alpha, belongs to the PPP phosphatase family and PP-1 subfamily. PP2A can modulate the activity of phosphorylase B kinase casein kinase 2, mitogen-stimulated S6 kinase, and MAP-2 kinase. PP2A activity was modestly decreased in AML patients harboring C-KIT/WT. PP2A is a target for C-KIT/TKD and implicated the potential efficacy of therapies targeting PP2A in such AML in future.

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:

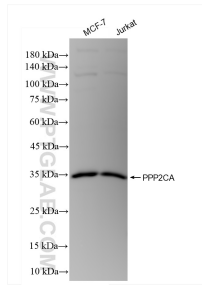
T: 4006900926

E: Proteintech-CN@ptglab.com

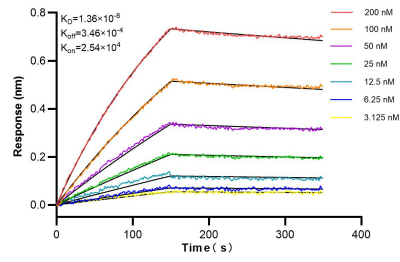
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84155-5-RR (PPP2CA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84155-5-RR against Human PPP2CA were performed. The affinity constant is 13.6 nM.