

For Research Use Only

PPP6C Recombinant monoclonal antibody

Catalog Number: 87155-1-RR



Basic Information

Catalog Number:

87155-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8554

GenBank Accession Number:

BC006990

GeneID (NCBI):

5537

UNIPROT ID:

O00743

Full Name:

protein phosphatase 6, catalytic subunit

Calculated MW:

305 aa, 35 kDa

Observed MW:

30-35 kDa

Purification Method:

Protein A purification

CloneNo.:

252251E9

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, HEK-293T cells, Jurkat cells, NIH/3T3 cells, mouse testis tissue, rat testis tissue

Background Information

PPP6C (Protein Phosphatase 6 Catalytic Subunit or simply PP6) is a highly conserved serine/threonine phosphatase belonging to the PP2A-like subfamily. This enzyme complex plays critical roles in a wide array of fundamental cellular processes, including cell cycle progression, DNA damage response, NF- κ B signaling, and microtubule organization. PPP6C mutations are found across multiple cancer types but are most common in melanoma and other skin cancers (PMID: 33789117).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

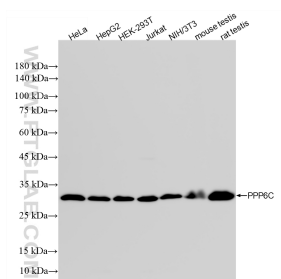
T: 4006900926

E: Proteintech-CN@ptglab.com

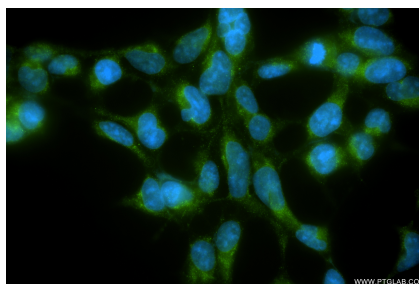
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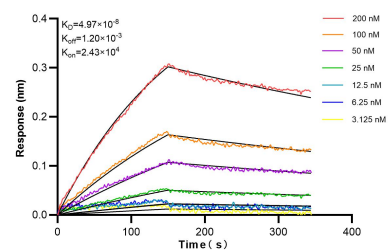
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87155-1-RR (PPP6C antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HEK-293 cells using PPP6C antibody (87155-1-RR, Clone: 252251E9) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 87155-1-RR against Human PPP6C were performed. The affinity constant is 49.7 nM.