

For Research Use Only

PPP6C Recombinant monoclonal antibody, PBS Only

Catalog Number: 87155-1-PBS



Basic Information

Catalog Number:

87155-1-PBS

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -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:

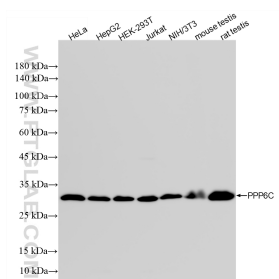
T: 4006900926

E: Proteintech-CN@ptglab.com

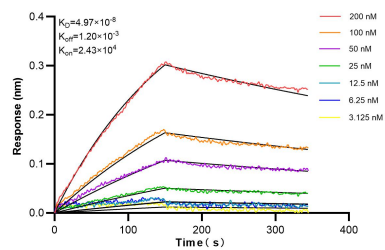
W: ptgcn.com

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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. This data was developed using the same antibody clone with 87155-1-PBS in a different storage buffer formulation.



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