

PPP4C Rabbit pAb

Catalog No.: A13531

Basic Information

Observed MW

36kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC, IP

Cross-Reactivity

Human, Mouse, Rat

Background

Enables protein serine/threonine phosphatase activity. Involved in regulation of double-strand break repair via homologous recombination. Located in cytosol; nucleoplasm; and plasma membrane.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Immunogen Information

Gene ID

5531

Swiss Prot

P60510

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-307 of human PPP4C (NP_002711.1).

Synonyms

PP4; PPX; PP-X; PP4C; PPH3; PPP4; PPP4C

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

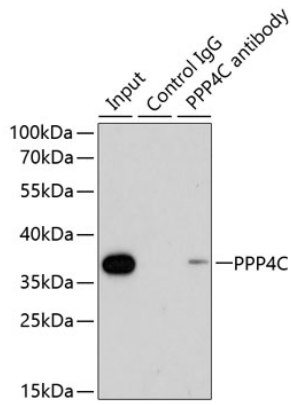
Affinity purification

Storage

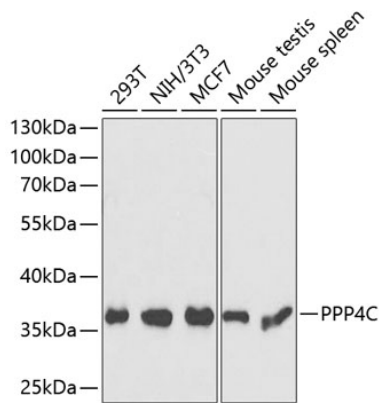
Store at -20°C. Avoid freeze / thaw cycles.

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

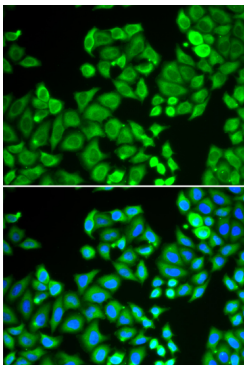
Validation Data



Immunoprecipitation analysis of 200 μ g extracts of 293T cells using 1 μ g PPP4C antibody (A13531). Western blot was performed from the immunoprecipitate using PPP4C antibody (A13531) at a dilution of 1:1000.



Western blot analysis of various lysates using PPP4C Rabbit pAb (A13531) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of U2OS cells using PPP4C Rabbit pAb (A13531). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.