

PPP4C Rabbit pAb

Catalog NO.: A13531

Basic Information

Observed MW

36kDa

Calculated MW

35kDa

Category

Polyclonal Antibodies

Applications

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

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

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

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID

5531

Swiss Prot

P60510

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

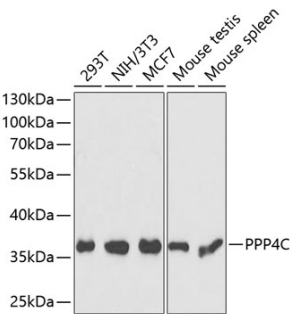
PP4; PPX; PP-X; PP4C; PPH3; PPP4; PPP4C

Product Information

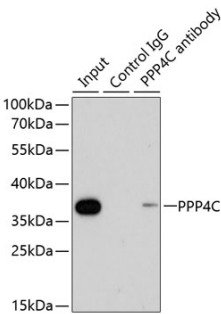
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

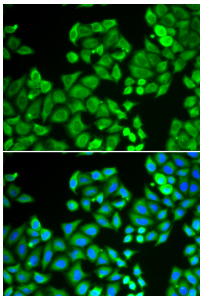
Validation Data



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



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



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