ABclonal Technology®

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PPP4C Rabbit pAb

Catalog No.: A13531

Basic Information

Observed MW
36kDa

Calculated MW
35kDa

Category
Primary antibody

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

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

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

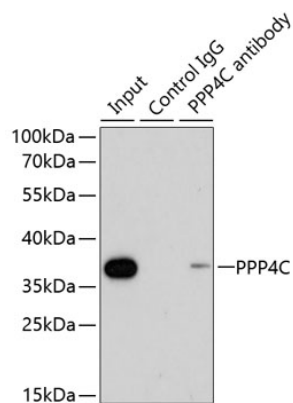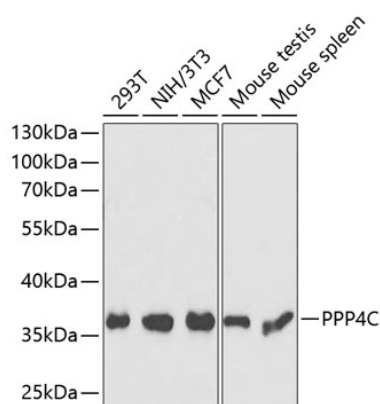| **Source**	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
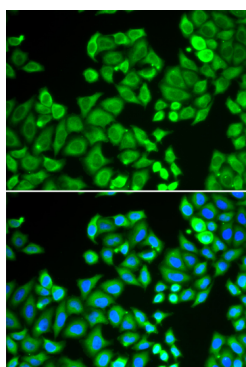Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Contact

Validation Data

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.

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.

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.