

PPP4C Rabbit pAb

Catalog No.: A2109

Basic Information

Observed MW

36kDa

Calculated MW

35kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, 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

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

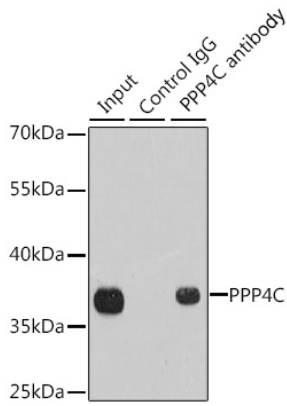
Affinity purification

Storage

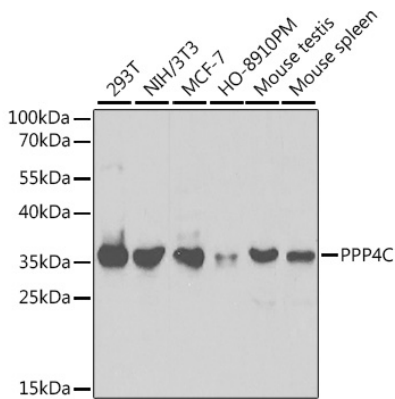
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

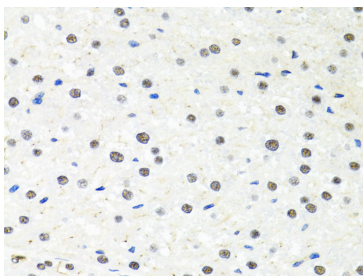
Validation Data



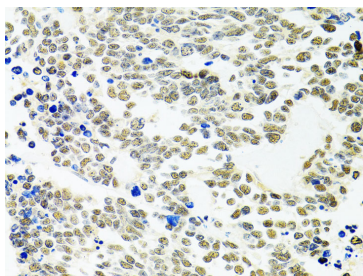
Immunoprecipitation analysis of 200 µg extracts of 293T cells using 1 µg PPP4C antibody (A2109). Western blot was performed from the immunoprecipitate using PPP4C antibody (A2109) at a dilution of 1:1000.



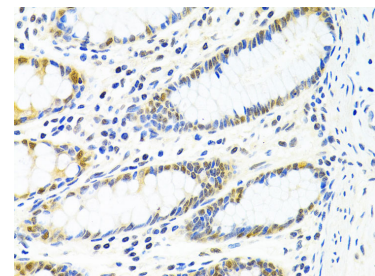
Western blot analysis of various lysates using PPP4C Rabbit pAb (A2109) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded rat liver using PPP4C Rabbit pAb (A2109) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using PPP4C Rabbit pAb (A2109) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon using PPP4C Rabbit pAb (A2109) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.