

A4035

Leader in Biomolecular Solutions for Life Science



[KO Validated] PPP1CC Rabbit pAb

Catalog No.: A4035 **KO Validated**

Basic Information

Observed MW

38kDa

Calculated MW

37kDa

Category

Mouse Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

The protein encoded by this gene belongs to the protein phosphatase family, PP1 subfamily. PP1 is an ubiquitous serine/threonine phosphatase that regulates many cellular processes, including cell division. It is expressed in mammalian cells as three closely related isoforms, alpha, beta/delta and gamma, which have distinct localization patterns. This gene encodes the gamma isozyme. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:200 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

5501

Swiss Prot

P36873

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-323 of human PPP1CC (NP_002701.1).

Synonyms

PP1C; PP-1G; PPP1G; CC

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

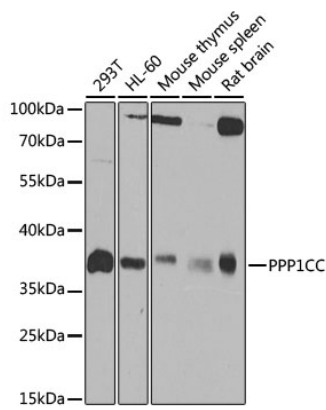
Affinity purification

Storage

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

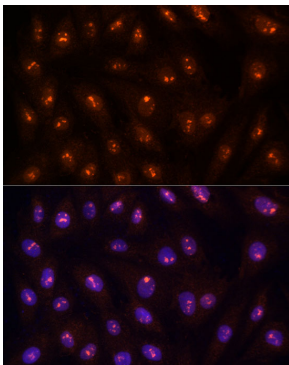
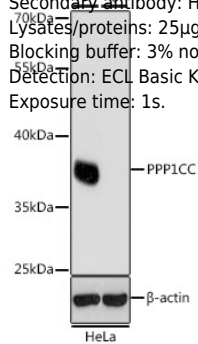
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data

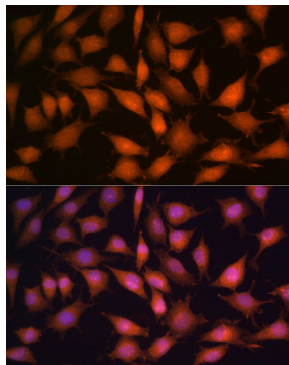


Western blot analysis of extracts of various cell lines, using PPP1CC antibody (A4035) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

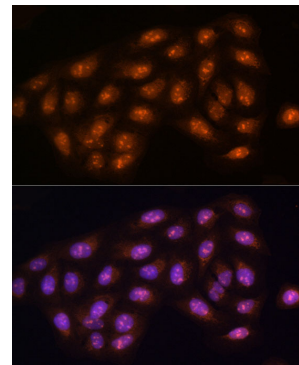
Western blot analysis of extracts from normal (control) and PPP1CC knockout (KO) HeLa cells, using PPP1CC antibody (A4035) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Immunofluorescence analysis of H9C2 cells using [KO Validated] PPP1CC Rabbit pAb (A4035) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using [KO Validated] PPP1CC Rabbit pAb (A4035) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using [KO Validated] PPP1CC Rabbit pAb (A4035) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.