

PP2A Catalytic alpha Antibody

CAB6702

Description

This PP2A Catalytic alpha Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB6702

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: RP-C, PP2Ac, PP2CA, NEDLBA, PP2Calpha, PP2A Catalytic a

Clone: -

Applications: WB IHC-P IF/ICC IP ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5515

Uniprot: AB_2767286

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 36kDa

Calculated MW: 36kDa

Preparation & Storage

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.

Store Bradford Reagent at Room Temperature for 1 Year.

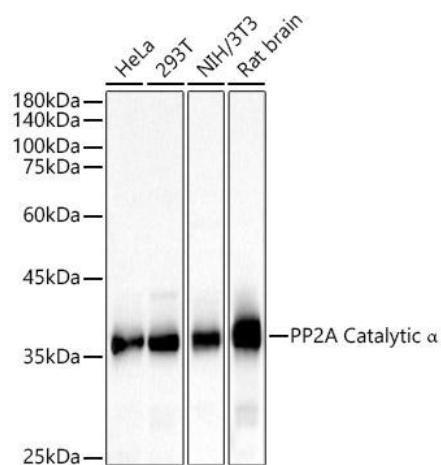
Positive Sample: HeLa, 293T, NIH/3T3, Rat brain

Recommended Dilutions:

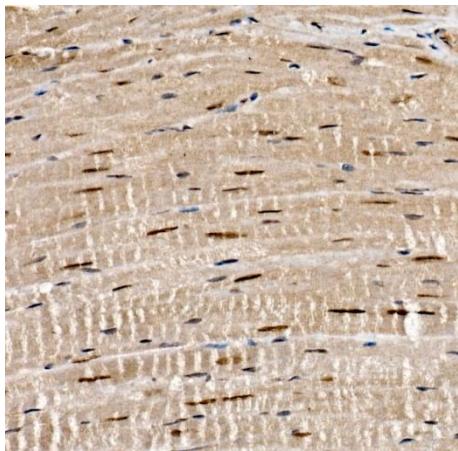
WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-500µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

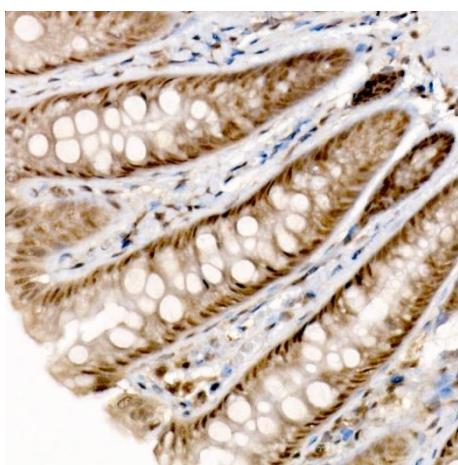
Validation Data



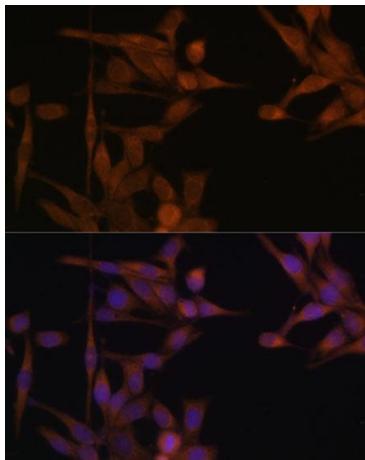
Western blot analysis of various lysates, using PP2A Catalytic α Rabbit pAb (CAB6702) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



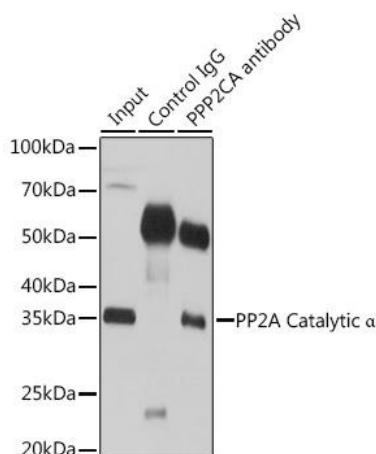
Immunohistochemistry analysis of paraffin-embedded Mouse heart tissue using PP2A Catalytic α Rabbit pAb (CAB6702) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



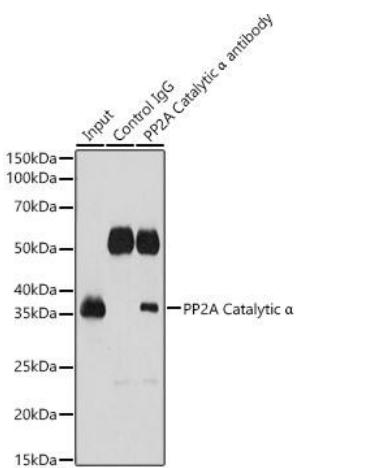
Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using PP2A Catalytic α Rabbit pAb (CAB6702) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using PP2A Catalytic α Rabbit pAb (CAB6702) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 µg extracts of 293T cells using 3 µg PP2A Catalytic α antibody (CAB6702). Western blot was performed from the immunoprecipitate using PP2A Catalytic α antibody (CAB6702) at a dilution of 1:1000.



Immunoprecipitation analysis of 500 µg extracts of Rat brain cells using 3 µg PP2A Catalytic α antibody (CAB6702). Western blot was performed from the immunoprecipitate using PP2A Catalytic α antibody (CAB6702) at a dilution of 1:1000.