

PIK3C2A Polyclonal Antibody

CAB21543

Description

This PIK3C2A Polyclonal 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: CAB21543

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: CPK, OCSKD, PI3-K-C2A, PI3K-C2alpha, PI3K-C2-alpha, PI3-K-C2(ALPHA), PIK3C2A

Clone: -

Applications: WB IHC-P IF/ICC IP ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5286

Uniprot: -

Host Species: Rabbit

Purification: Affinity purification

Observed MW: Refer to figures

Calculated MW: 191kDa

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.

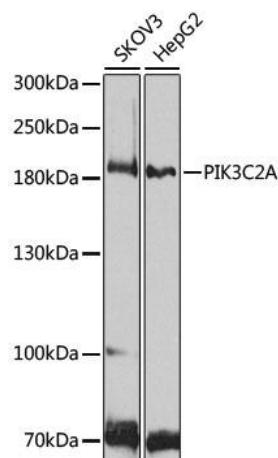
Positive Sample: SK-OV-3, Hep G2

Recommended Dilutions:

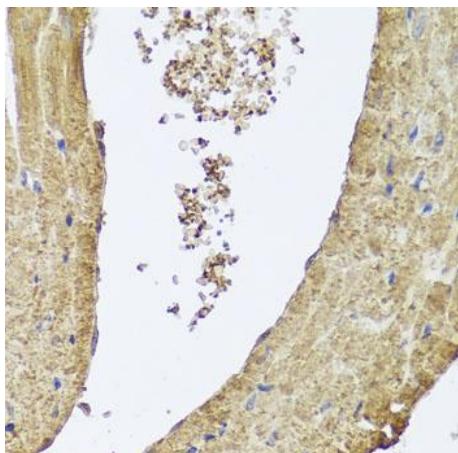
| | |
|---------------|---|
| WB | 1:500 - 1:2000 |
| IHC-P | 1:50 - 1:200 |
| IF/ICC | 1:50 - 1:200 |
| IP | 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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

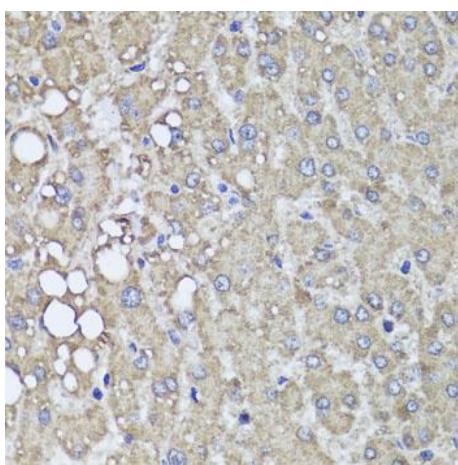
Validation Data



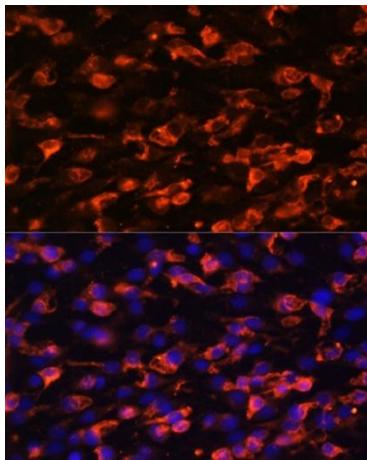
Western blot analysis of various lysates using PIK3C2A Rabbit pAb (CAB21543) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse heart using PIK3C2A Rabbit pAb (CAB21543) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver damage using PIK3C2A Rabbit pAb (CAB21543) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of cells using PIK3C2A Rabbit pAb (CAB21543) 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.