

## PKC alpha Monoclonal Antibody

**CAB23187**

### Description

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This PKC alpha Monoclonal 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

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**SKU:** CAB23187

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** AAG6, PKCA, PRKACA, PKC $\alpha$ +/-, PKC $\alpha$ , PKC-alpha, PKC alpha

**Clone:** ARC58853

**Applications:**  

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 5578

**Uniprot:** -

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 77kDa

**Calculated MW:** 77kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

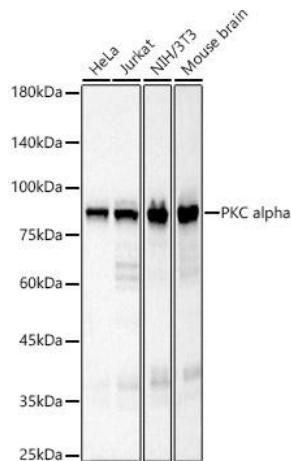
**Positive Sample:** HeLa, Jurkat, NIH/3T3, Mouse brain, Rat brain

**Recommended Dilutions:**

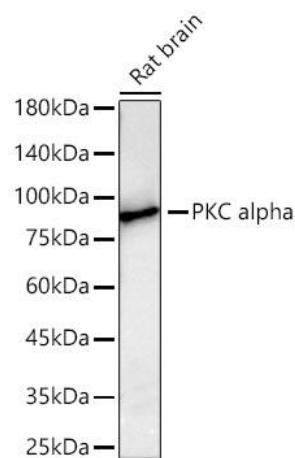
|              |   |
|--------------|---|
| <b>WB</b>    | 1:1000 - 1:5000   |
| <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

**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 PKC alpha Rabbit mAb (CAB23187) 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: 3s.



Western blot analysis of lysates from Rat brain cells using PKC alpha Rabbit mAb (CAB23187) at 1:2000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.