

## CABP4 Antibody

PACO57684

### Description

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This CABP4 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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|                      |                                                                    |
|----------------------|--------------------------------------------------------------------|
| <b>SKU:</b>          | PACO57684                                                          |
| <b>Contents:</b>     | 50µg<br>Bradford Reagent: 1 vial (2ml)                             |
| <b>Category:</b>     | -                                                                  |
| <b>Synonyms:</b>     | CABP4 antibody, Calcium-binding protein 4 antibody, CaBP4 antibody |
| <b>Clone:</b>        | Polyclonal                                                         |
| <b>Applications:</b> | <a href="#">ELISA</a> <a href="#">IHC</a> <a href="#">IF</a>       |
| <b>Conjugation:</b>  | Non-conjugated                                                     |
| <b>Reactivity:</b>   | Human                                                              |

### Antibody Data

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|                           |                                                                               |
|---------------------------|-------------------------------------------------------------------------------|
| <b>Isotype:</b>           | IgG                                                                           |
| <b>Uniprot:</b>           | P57796                                                                        |
| <b>Host Species:</b>      | Rabbit                                                                        |
| <b>Purification:</b>      | >95%, Protein G purified                                                      |
| <b>Immunogen:</b>         | Recombinant Human Calcium-binding protein 4 protein (1-107AA)                 |
| <b>Immunogen Species:</b> | Homo sapiens (Human)                                                          |
| <b>Buffer:</b>            | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| <b>Form:</b>              | Liquid                                                                        |

## Preparation & Storage

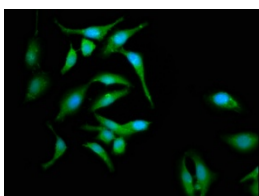
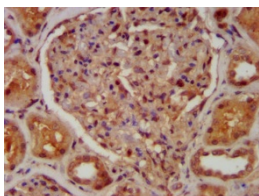
**Storage:** Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  
Store Bradford Reagent at Room Temperature for 1 Year.

| Recommended Dilutions: | Application | Recommended Dilution |
|------------------------|-------------|----------------------|
|                        | IHC         | 1:200-1:500          |
|                        | IF          | 1:50-1:200           |

**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

### Image



### Description

IHC image of PACO57684 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Immunofluorescence staining of Hela cells with PACO57684 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).