

## CABP7 Antibody

CAB13703

### Description

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This CABP7 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:** CAB13703

**Contents:** 20  $\mu$ L, 100  $\mu$ L  
Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** CALN2, CABP7

**Clone:** -

**Applications:** WB IHC-P ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 164633

**Uniprot:** AB\_2760564

**Host Species:** Rabbit

**Purification:** Affinity purification

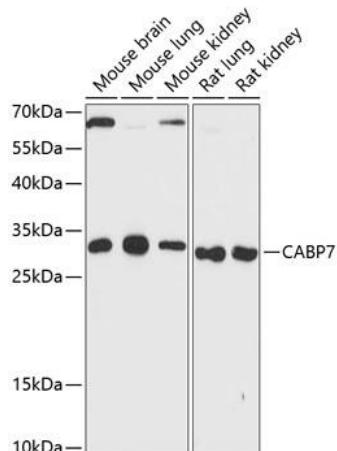
**Observed MW:** 30kDa

**Calculated MW:** 24kDa

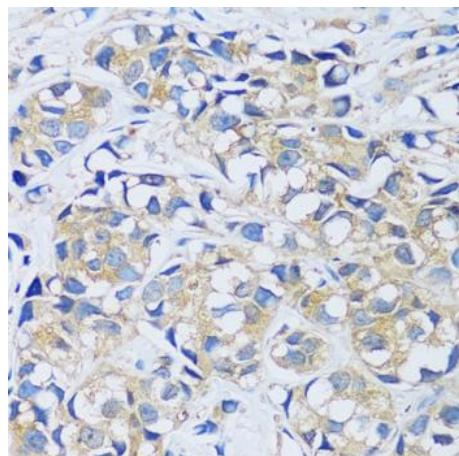
## Preparation & Storage

|   |  |           |                |              |              |              |   |
|---|--|-----------|----------------|--------------|--------------|--------------|---|
| <b>Storage:</b>                           | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.   |           |                |              |              |              |   |
|   | Store Bradford Reagent at Room Temperature for 1 Year.   |           |                |              |              |              |   |
| <b>Positive Sample:</b>                   | Mouse brain, Mouse lung, Mouse kidney, Rat lung, Rat kidney  |           |                |              |              |              |   |
| <b>Recommended Dilutions:</b>             | <table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:2000</td></tr> <tr> <td><b>IHC-P</b></td><td>1:50 - 1:100</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | <b>WB</b> | 1:500 - 1:2000 | <b>IHC-P</b> | 1:50 - 1:100 | <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>WB</b>                                 | 1:500 - 1:2000   |           |                |              |              |              |   |
| <b>IHC-P</b>                              | 1:50 - 1:100   |           |                |              |              |              |   |
| <b>ELISA</b>                              | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.  |           |                |              |              |              |   |
| <b>Protein Quantification (Optional):</b> | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol   |           |                |              |              |              |   |

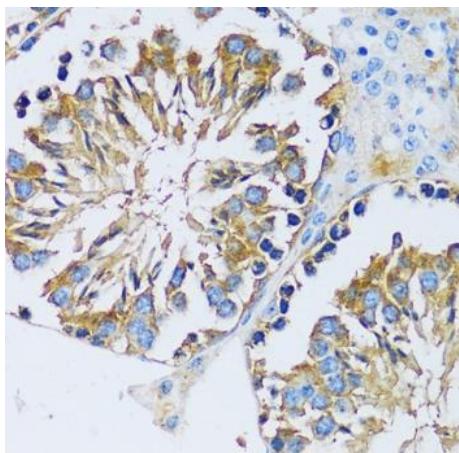
## Validation Data



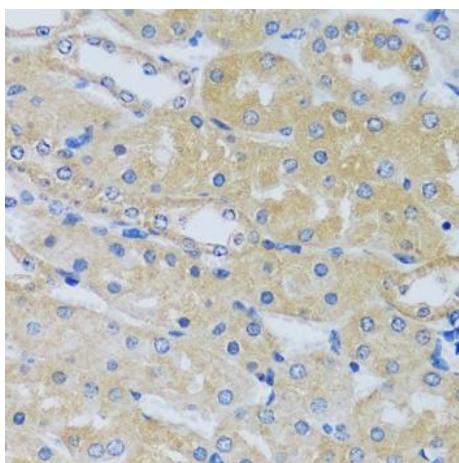
Western blot analysis of various lysates using CABP7 Rabbit pAb (CAB13703) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using CABP7 Rabbit pAb (CAB13703) 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 Mouse testis using CABP7 Rabbit pAb (CAB13703) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Western blot analysis of various lysates using CABP7 Rabbit pAb (CAB13703) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 $\mu$ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 90s.