

## KCNQ2 Antibody

**CAB1917**

### Description

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This KCNQ2 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:**

CAB1917

**Contents:**

20  $\mu$ L, 100  $\mu$ L

Bradford Reagent: 1 vial (2ml)

**Category:**

Polyclonal Antibody

**Synonyms:**

EBN, BFNC, DEE7, EBN1, ENB1, HNSPC, KV7.2, KCNA11, KCNQ2

**Clone:**

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**Applications:**

**WB** **ELISA**

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 3785

**Uniprot:** AB\_2763945

**Host Species:** Rabbit

**Purification:** Affinity purification

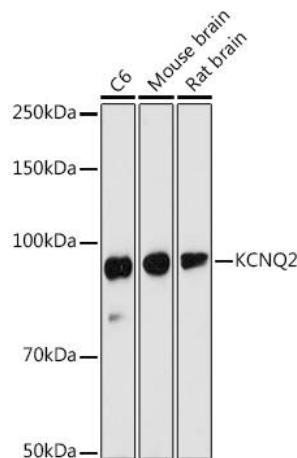
**Observed MW:** 95kDa

**Calculated MW:** 96kDa

## Preparation & Storage

|   |  |           |                |              |   |
|---|--|-----------|----------------|--------------|---|
| <b>Storage:</b>                           | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.  |           |                |              |   |
|   | Store Bradford Reagent at Room Temperature for 1 Year.   |           |                |              |   |
| <b>Positive Sample:</b>                   | C6, Mouse brain, Rat brain   |           |                |              |   |
| <b>Recommended Dilutions:</b>             | <table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:1000</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 - 1:1000 | <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 - 1:1000   |           |                |              |   |
| <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 KCNQ2 Rabbit pAb (CAB1917) 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.