

## CRYAB Antibody

**CAB13696**

### Description

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This CRYAB 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:** CAB13696

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

**Category:** Polyclonal Antibody

**Synonyms:** MFM2, CRYA2, CTPP2, HSPB5, CMD1II, CTRCT16, HEL-S-101, CRYAB

**Clone:** -

**Applications:** WB ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 1410

**Uniprot:** AB\_2760556

**Host Species:** Rabbit

**Purification:** Affinity purification

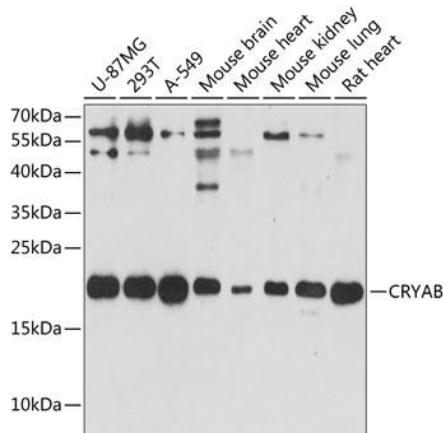
**Observed MW:** 20kDa

**Calculated MW:** 20kDa

## Preparation & Storage

|                                           |                                                                                                                                                                                                                                                        |           |                |              |                                                                                                                             |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|--------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Storage:</b>                           | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.<br>Store Bradford Reagent at Room Temperature for 1 Year.                                                                                            |           |                |              |                                                                                                                             |
| <b>Positive Sample:</b>                   | U-87MG, 293T, A-549, Mouse brain, Mouse heart, Mouse kidney, Mouse lung, Rat heart                                                                                                                                                                     |           |                |              |                                                                                                                             |
| <b>Recommended Dilutions:</b>             | <table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:2000</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>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>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 CRYAB Rabbit pAb (CAB13696) 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 Basic Kit (AbGn00020). Exposure time: 60s.