

## CAMKV Antibody

CAB17210

### Description

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This CAMKV 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>          | CAB17210                                                  |
| <b>Contents:</b>     | 20 $\mu$ L, 100 $\mu$ L<br>Bradford Reagent: 1 vial (2ml) |
| <b>Category:</b>     | Polyclonal Antibody                                       |
| <b>Synonyms:</b>     | 1G5, VACAMKL, CAMKV                                       |
| <b>Clone:</b>        | -                                                         |
| <b>Applications:</b> | WB IF/ICC ELISA                                           |
| <b>Conjugation:</b>  | -                                                         |
| <b>Reactivity:</b>   | Human, Mouse, Rat                                         |

### Antibody Data

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|                       |                       |
|-----------------------|-----------------------|
| <b>Gene ID:</b>       | 79012                 |
| <b>Uniprot:</b>       | AB_2768699            |
| <b>Host Species:</b>  | Rabbit                |
| <b>Purification:</b>  | Affinity purification |
| <b>Observed MW:</b>   | 54kDa                 |
| <b>Calculated MW:</b> | 54kDa                 |

## Preparation & Storage

**Storage:** 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.

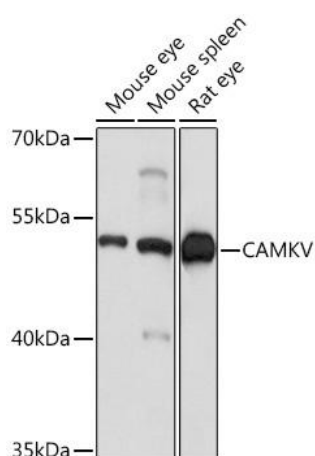
**Positive Sample:** Mouse eye, Mouse spleen, Rat eye

**Recommended Dilutions:**

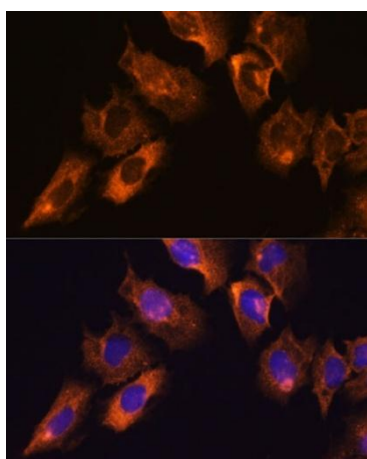
|               |                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>WB</b>     | 1:500 - 1:2000                                                                                                              |
| <b>IF/ICC</b> | 1:50 - 1:200                                                                                                                |
| <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

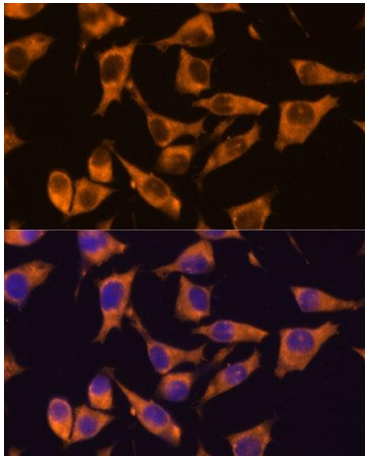
## Validation Data



Western blot analysis of various lysates using CAMKV Rabbit pAb (CAB17210) 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: 1s.



Immunofluorescence analysis of cells using CAMKV Rabbit pAb (CAB17210) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of cells using CAMKV Rabbit pAb (CAB17210) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.