

## CaMKIV (phospho-T196/200) polyclonal antibody

Catalog: BS4300

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Ca<sup>2+</sup>/calmodulin dependent protein kinase type IV (CaMKIV) belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 60 kDa

### Swiss-Prot:

Q16566

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC: 1:50~1:200

### Storage&Stability:

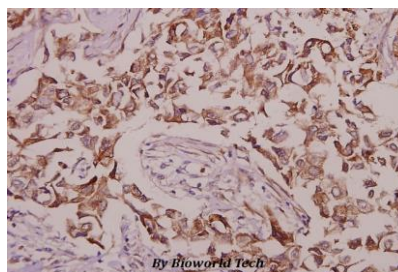
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

p-CaMKIV (T196/200) polyclonal antibody detects endogenous levels of human CaMKIV protein only when phosphorylated at Thr200. This antibody also detects mouse and rat CaMKIV protein when phosphorylated at the corresponding sites (Thr196).

### DATA:



Immunohistochemistry (IHC) analyzes of p-CaMKIV (T196/200) pAb in paraffin-embedded human brain tissue.

### Note:

For research use only, not for use in diagnostic procedure.

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