

CaMKIV (phospho-T196/200) polyclonal antibody

Catalog: BS4300

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Ca²⁺/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:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

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:

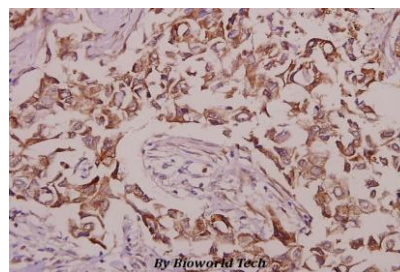
Store at 4 °C short term. Aliquot and store at -20 °C long

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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