

## CaMKII beta/ gamma/ delta Ab

[Images\(2\)](#)

Cat.#: AF6434  
Size:

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 50kDa,65kDa  
Clonality: Polyclonal

Application:

WB 1:500-1:2000, IHC 1:50-1:200  
\*The optimal dilutions should be determined by the end user.

Reactivity:

Human, Mouse, Rat

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

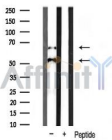
A synthesized peptide derived from human CaMK2 beta/ gamma/ delta, corresponding to a region within the internal amino acids.

Uniprot:

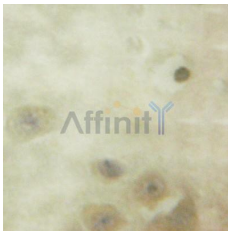
Q13554/Q13555/Q13557

Description:

The product of this gene belongs to the serine/threonine protein kinase family and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses.



Western blot analysis of CaMK2-beta/gamma/delta expression in Rat spleen tissue lysates, The lane on the right was treated with the antigen-specific peptide.



AF6434 at 1/100 staining human brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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