CaMKII beta/ gamma/ delta Ab

Images(2)

Cat.#: AF6434 Concn.: ~1mg/ml Mol.Wt.: 50kDa,65kDa Size: Source: Rabbit 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

SulfoLinkTM 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.

<code>IMPORTANT:</code> 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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