

PHOSPHO-CAMKII (THR287) (4A8) MOUSE MAB

Cat.#: N261298

Product Name: Anti-Phospho-CaMKII (Thr287) (4A8) Mouse Monoclonal Antibody

Synonyms: Calcium/calmodulin dependent protein kinase II; KCC2A

UNIPROT ID: Q13554/Q13555/Q13557

Background: CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. Member of the NMDAR signaling complex in excitatory synapses it may regulate NMDAR-dependent potentiation of the AMPAR and synaptic plasticity.

Immunogen: Synthetic peptide conjugated to KLH.

Applications: IHC-P

Recommended Dilutions: IHC: 1/50-1/100

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 4A8-3A1-10C8

MW: -

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human,Rat,Mouse

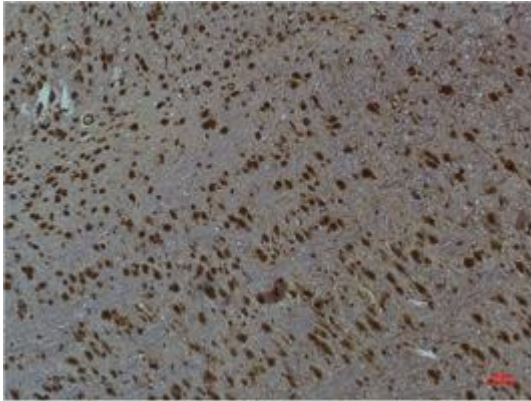
Conjugation: Unconjugated

Modification: Phosphorylated

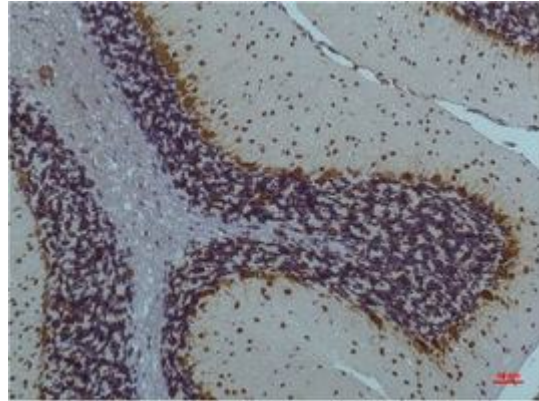
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemical analysis of paraffin-embedded Human tonsils using Phospho-CaMKII (Thr287) (4A8) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded rat Brain Tissue using Phospho-CaMKII (Thr287) (4A8) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.