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| Product name: | Phospho-CaMKII alpha(T286) Rabbit Monoclonal Antibody |
| Cat number: | MABN84575 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | A synthesized peptide derived from mouse CaMKII alpha around the phosphorylation site of T286 |
| Reactivity: | Mouse,Rat |
| Applications: | WB 1:1000-1:2000,IHC 1:100-1:200 |
| Molecular Weight: | Calculated MW: 54 kDa ; Observed MW: 50-60 kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05% sodium azide,0.05% BSA and 50% glycerol. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | Calcium/calmodulin-dependent protein kinase that functions autonomously after Ca ²⁺ /calmodulin-binding and autophosphorylation, and is involved in various processes, such as synaptic plasticity, neurotransmitter release and long-term potentiation. |