

CaMK1 monoclonal antibody

Catalog: MB10376

Host: Rabbit

Reactivity: Mouse, Rat

BackGround:

Calcium/calmodulin-dependent protein kinase that operates in the calcium-triggered CaMKK-CaMK1 signaling cascade and, upon calcium influx, regulates transcription activators activity, cell cycle, hormone production, cell differentiation, actin filament organization and neurite outgrowth. Recognizes the substrate consensus sequence [MVLIF]-x-R-x(2)-[ST]-x(3)-[MVLIF].

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 41 kDa; Observed MW: 41 kDa

Swiss-Prot:

Q14012

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000

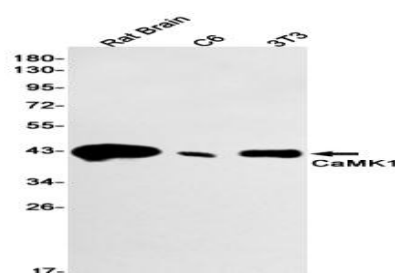
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot analysis of CaMK1 in rat Brain, C6, 3T3 lysates using CaMK1 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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