bsm-54336R

[Primary Antibody]

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CAMK4 Recombinant Rabbit mAb

- DATASHEET -

Host: Rabbit Isotype: IgG Clonality: Recombinant CloneNo.: 3F11 GeneID: 814 **SWISS:** Q16566

Target: CAMK4

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Ca2+/calmodulin dependent protein kinase type IV (CAMKIV)

belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in

transcriptional regulation in lymphocytes, neurons and male germ

cells.

Applications: WB (1:500-2000)

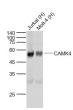
IHC-P (1:100-500) IHC-F (1:100-500) **IF** (1:100-500) ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

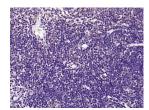
Predicted MW.: 55 kDa

Subcellular Location: Cytoplasm ,Nucleus

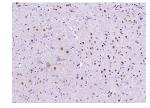
VALIDATION IMAGES



Sample: Lane 1: Jurkat (Human) Cell Lysate at 30 ug Lane 2: Molt-4 (Human) Cell Lysate at 30 ug Primary: Anti-CAMK4 (bsm-54336R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded (mouse thymus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CAMK4) Monoclonal Antibody, Unconjugated (bsm-54336R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CAMK4) Monoclonal Antibody, Unconjugated (bsm-54336R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.