

Camk1g Rabbit pAb

Catalog Number: bs-1809R

Target Protein: Camk1g

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat (predicted:Human, Mouse)

Predicted MW: 53 kDa

Entrez Gene: 57172

Swiss Prot: Q96NX5

Source: KLH conjugated synthetic peptide derived from human Camk1g: 381-476/476.

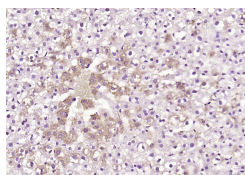
Purification: affinity purified by Protein A

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: CaMKI gamma is a Calcium/calmodulin-dependent protein kinase which belongs to a proposed calcium-triggered signaling cascade. In vitro it phosphorylates transcription factor CREB1. It has been proposed that CaMKI gamma is involved in dendritic outgrowth mediated by CaM-dependant protein kinase kinase.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (rat liver); 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 (Camk1g) Polyclonal Antibody, Unconjugated (bs-1809R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.