

CAMK4 / CaMKIV Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 50838-RP02

GENERAL INFORMATION	
Immunogen:	Recombinant Mouse CAMK4 / CaMKIV protein (Catalog#50838-M20B)
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CAMK4 / CaMKIV (rM CAMK4 / CaMKIV; Catalog#50838-M20B; P08414; Met1-Tyr469). CAMK4 / CaMKIV specific IgG was purified by Mouse CAMK4 / CaMKIV affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Mouse CAMK4 / CaMKIV
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB,ELISA,IHC-P,IP
RECOMMENDED CONCENTRATION	
IHC-P	IHC-P: 1:5000-1:50000
Western Blot	WB: 1:500-1:1000
Immunoprecipitation	IP: 0.2-1 µL/mg of lysate
ELISA	ELISA: 1:25000-1:50000 This antibody can be used at 1:25000-1:50000 with the appropriate secondary reagents to detect Mouse CAMK4 / CaMKIV.

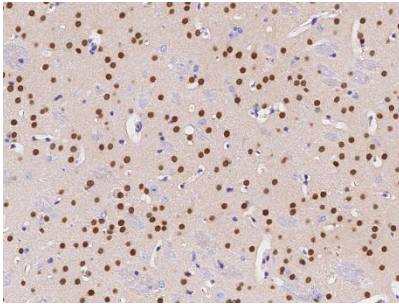
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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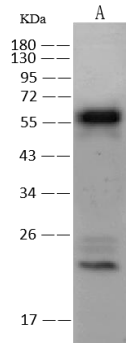


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Immunohistochemical staining of mouse CAMK4 in mouse brain with rabbit polyclonal antibody at 1:50000 dilution, formalin-fixed paraffin embedded sections.



Anti-CAMK4 rabbit polyclonal antibody at 1:500 dilution

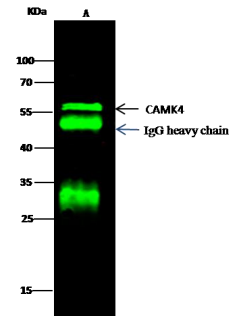
Lane A: Jurkat Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 52 kDa
(We are unsure as to the identity of these extra bands.)



Mouse CAMK4 was immunoprecipitated using:
Lane A: 0.5 mg Jurkat Whole Cell Lysate

0.5 µL anti-Mouse CAMK4 rabbit polyclonal antibody and 15 µL of 50 % Protein G agarose.

Primary antibody:
Anti-Mouse CAMK4 rabbit polyclonal antibody, at 1:500 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 58 kDa
Observed band size: 58 kDa