

CaMK1 antibody

Cat. No. GTX23551

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM
Reactivity	Human, Mouse, Rat

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2 µg/mL
ICC/IF	2 µg/ml
IHC-P	1:20-1:100
FCM	3-5 µg/10 ⁶ cells

Not tested in other applications.

Calculated MW 42 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic Peptide: A(1) V E G P R W K Q A E D I R D I Y D(18)
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

Note

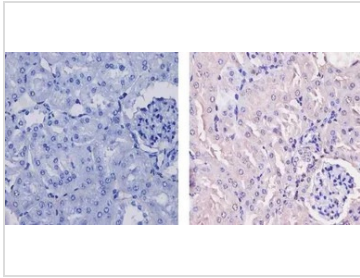
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DATA IMAGES



GTX23551 IHC-P Image

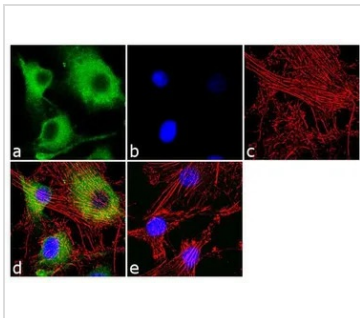
IHC-P analysis of mouse kidney tissue using GTX23551 CaMK1 antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20



GTX23551 ICC/IF Image

ICC/IF analysis of U-87 MG cells using GTX23551 CaMK1 antibody. Panel e is a no primary antibody control.

Green : Primary antibody

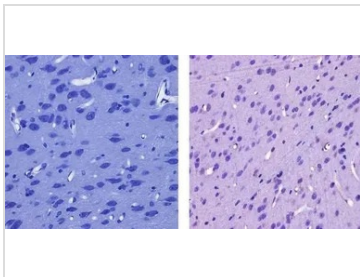
Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Triton X-100 for 10 minute

Dilution : 2 µg/ml in 0.1% BSA and incubated for 3 hours at room temperature



GTX23551 IHC-P Image

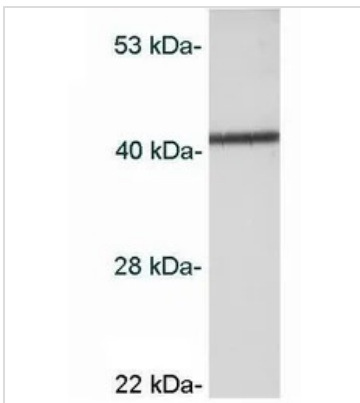
IHC-P analysis of rat brain tissue using GTX23551 CaMK1 antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:100



GTX23551 WB Image

WB analysis of AtT20 cell extract using GTX23551 CaMK1 antibody.



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