

CAMK2G Polyclonal Antibody

Catalog Number:E-AB-92416

Note: Centrifuge before opening to ensure complete recovery of vial contents.

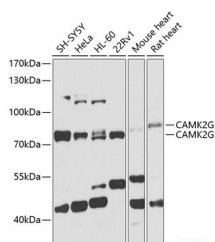
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human CAMK2G
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications Recommended Dilution

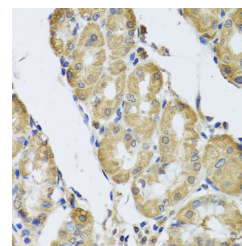
WB	1:500-1:2000
IHC	1:50-1:100
IF	1:50-1:200

Data

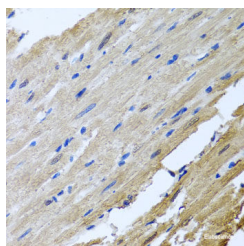


Western blot analysis of extracts of various cell lines using CAMK2G Polyclonal Antibody at 1:1000 dilution.

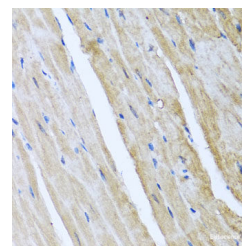
Observed Mw:Refer to figures
Calculated Mw:55kDa/58kDa/59kDa/60kDa/61kDa/62kDa/65kDa



Immunohistochemistry of paraffin-embedded human stomach using CAMK2G Polyclonal Antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat heart using CAMK2G Polyclonal Antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse heart using CAMK2G Polyclonal Antibody at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

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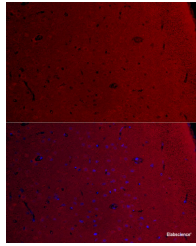
Tel: 1-832-243-6086

Email: techsupport@elabscience.com

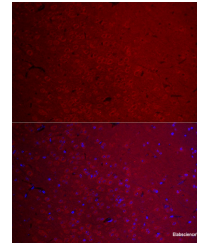
Fax: 1-832-243-6017

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Immunofluorescence analysis of Rat brain using CAMK2G Polyclonal Antibody at dilution of 1 : 100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Mouse brain using CAMK2G Polyclonal Antibody at dilution of 1 : 100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

Storage Store at -20°C. Avoid freeze/thaw cycles.

Background

The product of this gene is one of the four subunits of an enzyme which belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a gamma chain. Many alternatively spliced transcripts encoding different isoforms have been described but the full-length nature of all the variants has not been determined.

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