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Product datasheet for TA374232

CAMK2G Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 300-410 of human CAMK2G (NP_751909.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	55kDa/58kDa/59kDa/60kDa/61kDa/62kDa/65kDa
Gene Name:	calcium/calmodulin dependent protein kinase II gamma
Database Link:	<u>Entrez Gene 818 Human</u> <u>Q13555</u>



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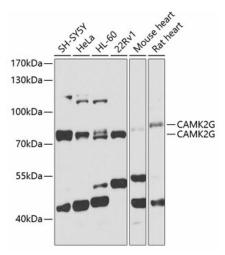
GRIGENE CAMK2G Rabbit Polyclonal Antibody – TA374232

Background:

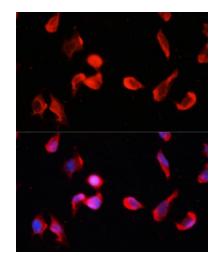
The product of this gene is one of the four subunits of an enzyme which belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells 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.

Synonyms: CAMK; CAMK-II; CAMKG; FLJ16043; MGC26678

Product images:



Western blot analysis of extracts of various cell lines, using CAMK2G antibody (TA374232) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 10s.



Immunofluorescence analysis of HeLa cells using CAMK2G Polyclonal Antibody (TA374232) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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