

Mouse anti-Human CAMK2G Monoclonal Antibody | anti-CAMK2G antibody

CAMK2G Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268541	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CAMK2G; Monoclonal Antibody; CAMK2G Mouse mAb; CAMK; CAMKG; CAMK-II; anti-CAMK2G antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6A4A10
Purity/Purification	Affinity Purified
Form/Format	In PBS with 0.05% Sodium Azide.
Sequence Length	558
Applicable Applications for anti-CAMK2G antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CAMK2G (AA: 322-481) expressed in E. Coli.
Cellular Localization	Membrane, Sarcoplasmic Reticulum
Preparation and Storage	Store at 4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

ADDITIONAL INFORMATION

Related Product Information for anti-CAMK2G antibody	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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NCBI AND UNIPROT INFORMATION

NCBI GI #	62512173
UniProt Accession #	Q13555
Molecular Weight	62.6kDa
NCBI Official Full Name	Calcium/calmodulin-dependent protein kinase type II subunit gamma
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type II subunit gamma
UniProt Gene Name	CAMK2G

UniProt Synonym Gene Names	CAMK; CAMK-II; CAMKG; CaM kinase II subunit gamma; CaMK-II subunit gamma
UniProt Entry Name	KCC2G_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/camk2g-antibody-clone-6a4a10-flow-cytometry-immunocytochemistry-immunohistochemistry-western-blot-elisa/268541>