

Rabbit CAMK2G Polyclonal Antibody | anti-CAMK2G antibody

CAMK2G Polyclonal Antibody

CATALOG # AAA22284	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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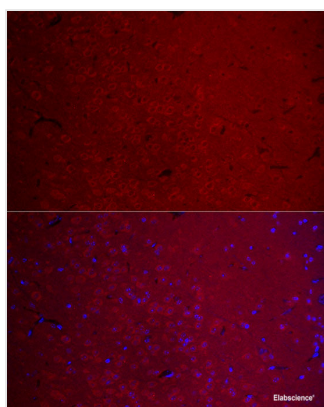
PRODUCT SYNONYMS

CAMK2G; Polyclonal Antibody; CAMK2G Polyclonal Antibody; CAMK; CAMK-II; CAMKG; calcium/calmodulin dependent protein kinase II gamma; anti-CAMK2G antibody

PRODUCT SPECIFICATIONS

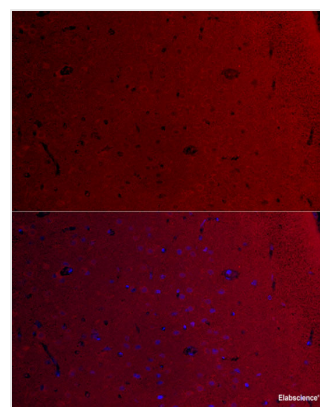
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CAMK2G antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human CAMK2G
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



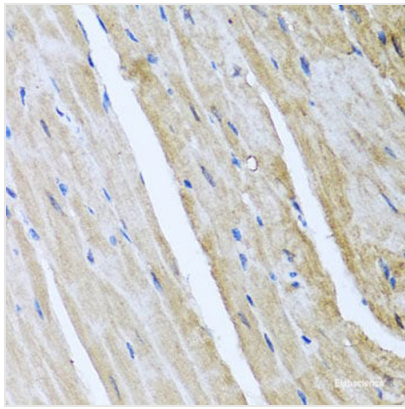
IF (Immunofluorescence)

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



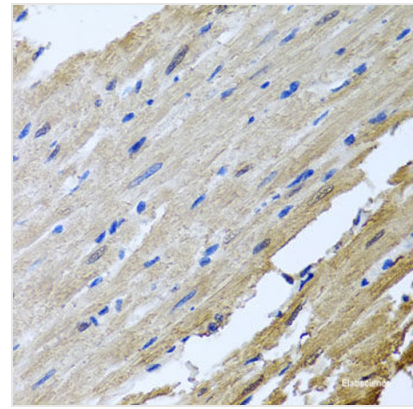
IF (Immunofluorescence)

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



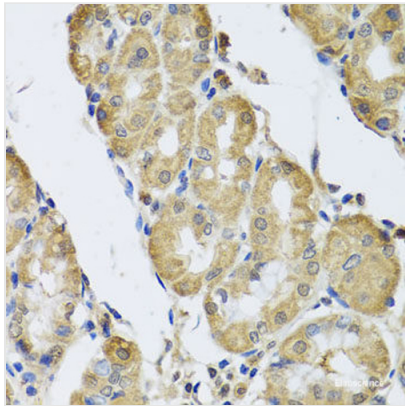
IHC (Immunohistochemistry)

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.



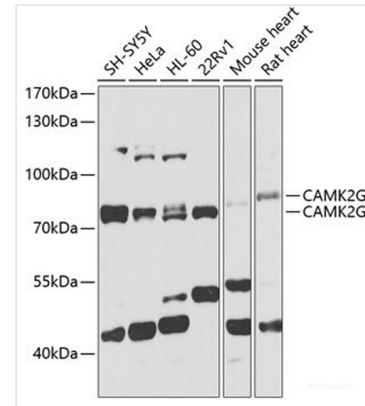
IHC (Immunohistochemistry)

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.



IHC (Immunohistochemistry)

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.



WB (Western Blot)

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

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 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.

Product Categories/Family for anti-CAMK2G antibody

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62512173
NCBI GeneID	818
UniProt Accession #	Q13555; O00561; O15378; Q13279; Q13282; Q13556; Q5SQZ3; Q5SQZ4; Q5SWX4; Q7KYG5; Q8N4I3; Q8NIA4
Molecular Weight	558
NCBI Official Full Name	Calcium/calmodulin-dependent protein kinase type II subunit gamma
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase II gamma
NCBI Official Symbol	CAMK2G

NCBI Official Synonym Symbols	CAMK; CAMKG; CAMK-II
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type II subunit gamma; caMK-II subunit gamma; calcium/calmodulin-dependent protein kinase (CaM kinase) II 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/camk2g-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/22284>