

Anti-CaMKII beta/ gamma Antibody

Catalog Number: A04046

About CAMK2G

Transcriptional repressor which binds neuron-restrictive silencer element (NRSE) and represses neuronal gene transcription in non-neuronal cells. Restricts the expression of neuronal genes by associating with two distinct corepressors, mSin3 and CoREST, which in turn recruit histone deacetylase to the promoters of REST-regulated genes. Mediates repression by recruiting the BHC complex at RE1/NRSE sites which acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier.

Chong J.A.et.al. (1995)Cell 80:949-957

Schoenherr C.J.et.al.(1995)Science 267:1360-1363

Scholl T.et.al.(1996)J. Immunol. 156:1448-1457

Lunyak V.V.et.al. (2002)Science 298:1747-1752

Overview

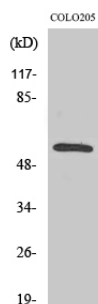
Product Name	Anti-CaMKII beta/ gamma Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CaMKII beta/ gamma Antibody catalog # A04046. Tested in IF, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, WB
Clonality	Polyclonal 4A1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13555

Technical Details

Immunogen	Synthesized peptide derived from the C-terminal region of human BRD3. at AA range: 580-660
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Pig, Rabbit, Zebrafish
Isotype	IgG
Form	Liquid
Concentration	This antibody's concentration is >0.5mg/ml.

Purification	Immunogen affinity purified
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB, 1:500-1:2000</p> <p>IF, 1:200-1:1000</p>

Anti-CaMKII beta/ gamma Antibody (A04046) Images



Western Blot (WB) analysis of specific cells using CaMKIIbeta/gamma Polyclonal antibody.

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