BT LAB
Bioassay Technology Laboratory

Optimize Your Research

Phospho-CaMKII Beta/Gamma/Delta (T287) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS00781
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CaMK2-beta/gamma/delta around the phosphorylation site of Thr287. AA range:253-302
Mol wt	72727/62609/56369
Species reactivity	Human, mouse, rat
Clonality	Polyclonal
Recommended application	IF, WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Phospho-CaMKIIbeta/gamma/delta (T287) Antibody
Synonyms	CAMK2B; CAM2; CAMK2; CAMKB; Calcium/calmodulin-dependent protein kinase type II subunit beta; CaM kinase II subunit beta; CaMK-II subunit beta; CAMK2G; CAMK; CAMK-II; CAMKG; Calcium/calmodulin-depende

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The product of CAMK2B (calcium/calmodulin dependent protein kinase II beta) 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 CAMK2B is a beta chain. It is possible that distinct isoforms of this chain have different cellular localizations and interact differently with calmodulin. Alternative splicing results in multiple transcript variants.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

IF: 1: 50 - 200

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year

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