

Anti-Phospho-CaMKII-Alpha/Beta/Delta (T305) Antibody

Catalog Number: A03964T305

About CAMK2A

Plays a role in mitotic exit and cytokinesis. Not required for microtubule nucleation. Recruits PDCD6IP and TSG101 to midbody during cytokinesis.

Martinez-Garay I., Genomics 87:243-253(2006).

Shimokawa T., Submitted (SEP-2002) to the EMBL/GenBank/DDBJ databases.

Totoki Y., Submitted (APR-2005) to the EMBL/GenBank/DDBJ database.

Overview

Product Name	Anti-Phospho-CaMKII-Alpha/Beta/Delta (T305) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-CaMKII-Alpha/Beta/Delta (T305) Antibody catalog # A03964T305. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
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	Q9UQM7

Technical Details

Immunogen	Synthesized peptide derived from human CaMKII-Alpha/Beta/Delta (T305) around the phosphorylation site of T305.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

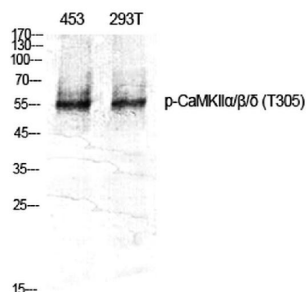
Boster Bio's internal QC testing used:

WB 1:500-1:2000

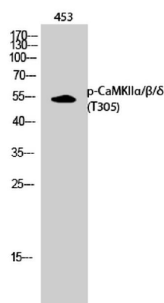
IHC 1:100-1:300

ELISA 1:5000

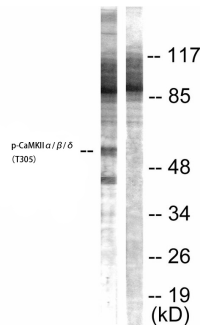
Anti-Phospho-CaMKII-Alpha/Beta/Delta (T305) Antibody (A03964T305) Images



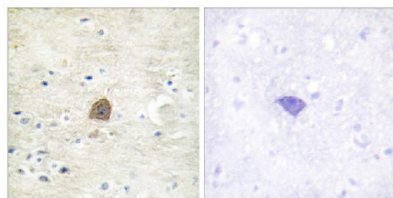
Western blot analysis of various cells using Phospho-CaMKII Alpha/Beta/Delta (T305) Polyclonal Antibody diluted at 1:1000.



Western blot analysis of 453 cells using Phospho-CaMKII Alpha/Beta/Delta (T305) Polyclonal Antibody diluted at 1:1000.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-CaMKII Alpha/Beta/Delta (T305) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using Phospho-CaMKII Alpha/Beta/Delta (T305) Antibody. The picture on the right is blocked with the phospho peptide.

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