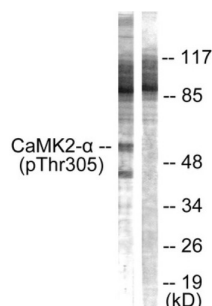
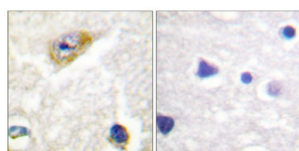


Calcium/Calmodulin Dependent Protein Kinase II Alpha Phospho-Thr305 (CAMK2A pT305) Antibody

Catalogue No.: abx012403



WB analysis of extracts from NIH/3T3 cells, using CaMKII (Phospho-Thr305) Antibody. The lane on the right is blocked with the phosphopeptide.



IHC-P analysis of Human brain tissue using CaMKII (Phospho-Thr305) Antibody. The picture on the right is blocked with the phosphopeptide.

Calcium/Calmodulin Dependent Protein Kinase II Alpha Phospho-Thr305 (CAMK2A pT305) Antibody is a Rabbit polyclonal antibody against CaMK2 phosphorylated at Thr305.

Target:	Calcium/Calmodulin Dependent Protein Kinase II Alpha Phospho-Thr305 (CAMK2A pT305)
Clonality:	Polyclonal
Target Modification:	Thr305
Modification:	Phosphorylation
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1/5000, WB: 1/500 - 1/3000, IHC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated

Datasheet

Version: 6.0.0
Revision date: 18 Oct 2025



Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from Human CaMKII around the phosphorylation site of threonine 305 (I-L-T ^P -T-M).
Isotype:	IgG
Form:	Liquid
Purification:	Purified from rabbit antiserum by affinity chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9UQM7 (UniProt , ExPASy)
Gene Symbol:	CAMK2A
GeneID:	815
String:	9606.ENSP00000381412
Enzyme Commission Number:	EC 2.7.11.17
Sequence:	CLKGAILTTMLATR
Buffer:	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02% sodium azide, 50% glycerol.
Specificity:	Detects endogenous levels of CaMKII only when phosphorylated at threonine 305.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.