

Anti-CaM Kinase II (Thr306) Antibody

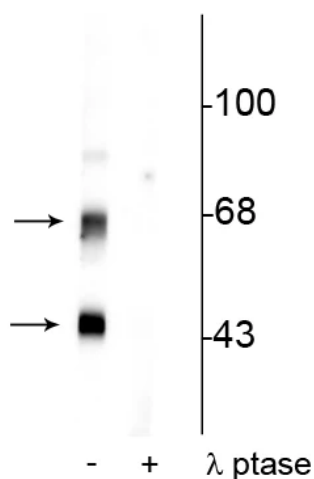
**Pooled Serum**

Product Details

Available Variants	100 µL (SKU:p1005-306) 25 µL (SKU:p1005-306t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	CAMK2A/B
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000
Species Reactivity	Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr306 of rat CaMKII, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~50 kDa α-CaM Kinase II and the ~60 kDa β-CaM Kinase II proteins phosphorylated at Thr306. Immunolabeling is completely eliminated by treatment with λ-phosphatase. It has been reported that this antibody may recognize some level of non-phosphorylated pure recombinant protein, but in our hands (as shown in our WB image) in native tissue, the antibody reacts in a phospho-specific manner.
Molecular Weight	50/60 kDa

Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2560940
UniProt ID	<u>P11310</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Bovine, Canine, Chicken, Non-Human Primate, Sheep, Xenopus, Zebrafish
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Thr306
NCBI Gene ID	25400

Product Images



Western blot of rat brain lysate showing specific immunolabeling of the ~50 kDa α - and the ~60 kDa β -CaM Kinase II phosphorylated at Thr306 in the first lane (-). Phosphospecificity is shown in the second lane (+) where the immunolabeling is completely eliminated by lysate treatment with lambda phosphatase (λ -Ptase, 800 units/1mg protein for 30 minutes).



Created on 04. September 2026 | All information without guarantee