

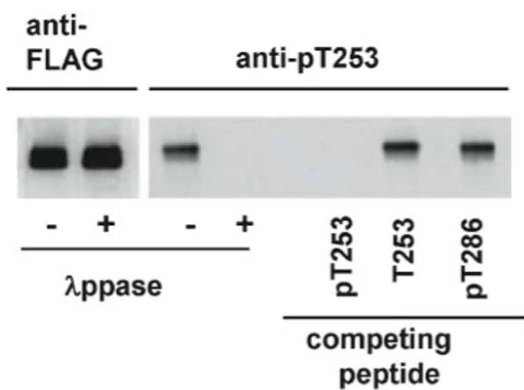
Anti-CamKII subunit alpha, Thr253 Antibody



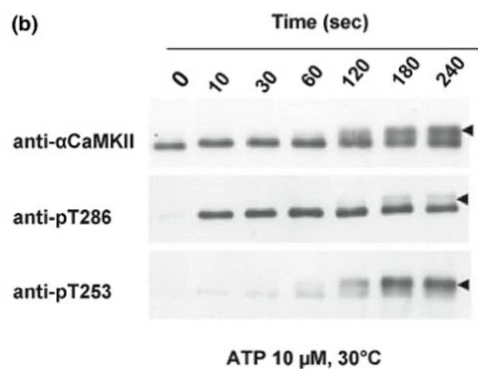
Product Details

Available Variants	100 µL (SKU:R-1706-100)
Conjugate	Unconjugated
Isotype	Mixed
Host Species	Rabbit
Format	Whole serum
Physical State	Lyophilized
Applications	WB
Dilution Ranges	WB: 1:200-1:1000
Species Reactivity	Rat
Immunogen	A synthetic peptide (NKmLpTINPSC) corresponding to the sequence around Thr253 (AA 249-257) in alpha-CaMKII was synthesized, purified to 95% purity by HPLC, analyzed by mass spectroscopy and coupled to diphtheria toxoid.
Specificity	Rat. Predicted from gene analysis to react with human and mouse alpha-CaMKII.
Storage	Spin vial briefly before opening. Reconstitute in 100 uL sterile-filtered, ultrapure water. Centrifuge to remove any insoluble material. Centrifuge to remove any insoluble material. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.
UniProt ID	P11275
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Western blot analysis of recombinant FLAG- α -CaMKII purified from transfected COS cells. Blots of wild-type CaMKII phosphorylated at Thr253 were treated with lambda phosphatase prior to probing with anti-pT253 or anti-FLAG antibody. The pT253 antibody was incubated with phospho-Thr253 (pT253, 50 nM), non-phospho-Thr253 (T253, 500 nM) or phospho-Thr286 (pT286, 50 nM) peptides prior to probing the western blots. Reference: Miguez PV et al (2006) J Neurochem 98 (1), 289-299.



Western blots of wild-type CaMKII showing auto-phosphorylation over 4 min at 10 μ M ATP, 30°C and probed with antibodies to α -CaMKII, phospho-Thr286-CaMKII (anti-pT286) and phospho-Thr253-CaMKII (anti-pT253). The arrow-heads indicate the electrophoretic mobility of CaMKII phosphorylated at Thr253. Reference: Miguez PV et al (2006) J Neurochem 98 (1), 289-299.

Product Page URL: www.antibodiesinc.com/products/anti-camkii-subunit-alpha-thr253-antibody-r-1706-100



Created on 12. September 2026 | All information without guarantee