

# Phospho-CaMKIV (Thr196, Thr200) Polyclonal Antibody

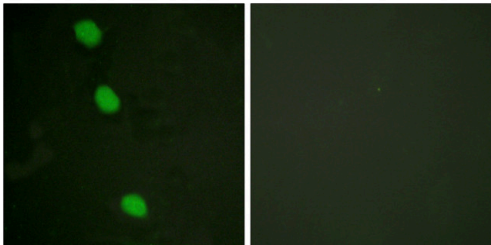
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse, Rhesus monkey
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around phosphorylation site of threonine 200 (M-K-T(p)-V-C) derived from Human CaMK4 or threonine 196 (M-K-T(p)-V-C) derived from Mouse CaMK4.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2554113

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-

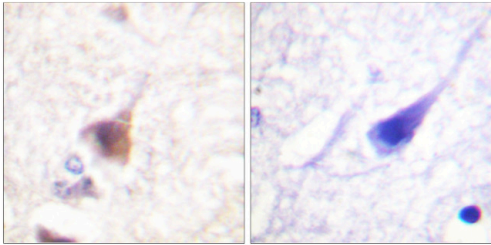
## Product Specific Information

A suggested positive control for Western blot is K562 cells.

Product Images For Phospho-CaMKIV (Thr196, Thr200) Polyclonal Antibody



**Phospho-CaMKIV (Thr196, Thr200) Antibody (PA5-37504) in ICC/IF**  
Immunocytochemical analysis of Phospho-CaMKIV (Thr196, Thr200) in HeLa cells, using Phospho-CaMKIV (Thr196, Thr200) Polyclonal Antibody (Product # PA5-37504). The picture on the right is blocked with the phospho peptide.



**Phospho-CaMKIV (Thr196, Thr200) Antibody (PA5-37504) in IHC (P)**  
Immunohistochemical analysis of Phospho-CaMKIV (Thr196, Thr200) in paraffin-embedded Human brain tissue using Phospho-CaMKIV (Thr196, Thr200) Polyclonal Antibody (Product # PA5-37504) (left). The picture on the right is blocked with the phospho peptide.

2 References

Western Blot (2)

<p>The Journal of neuroscience : the official journal of the Society for Neuroscience</p> <p><b>SIV-Mediated Synaptic Dysfunction Is Associated with an Increase in Synapsin Site 1 Phosphorylation and Impaired PP2A Activity.</b></p> <p>"PA5-37504 was used in Western Blotting to show that during SIV infection increased phosphorylation of Syn I serine 9, site 1, and lower protein phosphatase 2A (PP2A) activity supports the occurrence of specific impairments in synaptic activity."</p> <p>Authors: Shekarabi M,Robinson JA,Smith MD,Burdo TH</p>	<p><b>Year</b> 2019</p> <p><b>Species</b> Rhesus monkey</p> <p><b>Dilution</b> 1:1000</p>
<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p><b>Ca<sup>2+</sup>-Dependent Regulation of NFATc1 via KCa3.1 in Inflammatory Osteoclastogenesis.</b></p> <p>"PA5-37504 was used in Western Blotting to evaluate KCa3.1 as a modulator of Ca2+-induced NFAT-dependent osteoclast differentiation in inflammatory bone loss."</p> <p>Authors: Grössinger EM,Kang M,Bouchareychas L,Sarin R,Haudenschild DR,Borodinsky LN,Adamopoulos IE</p>	<p><b>Year</b> 2018</p> <p><b>Species</b> Mouse</p>

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