

Phospho-CaMKIV (Thr196, Thr200) Polyclonal Antibody

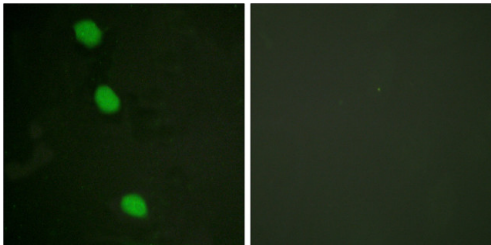
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse, Rhesus monkey
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around phosphorylation site of threonine 200 (M-K-T(p)-V-C) derived from Human CaMK4 or threonine 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	-

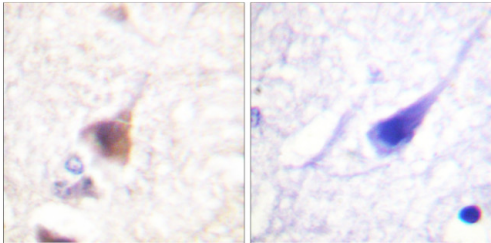
Product Specific Information

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)

The Journal of neuroscience : the official journal of the Society for Neuroscience SIV-Mediated Synaptic Dysfunction Is Associated with an Increase in Synapsin Site 1 Phosphorylation and Impaired PP2A Activity. "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." Authors: Shekarabi M,Robinson JA,Smith MD,Burdo TH	Year 2019 Species Rhesus monkey Dilution 1:1000
Journal of immunology (Baltimore, Md. : 1950) Ca²⁺-Dependent Regulation of NFATc1 via KCa3.1 in Inflammatory Osteoclastogenesis. "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." Authors: Grössinger EM,Kang M,Bouchareychas L,Sarin R,Haudenschild DR,Borodinsky LN,Adamopoulos IE	Year 2018 Species Mouse

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