

# Phospho-CaMKII alpha/beta/delta (Thr305) Polyclonal Antibody

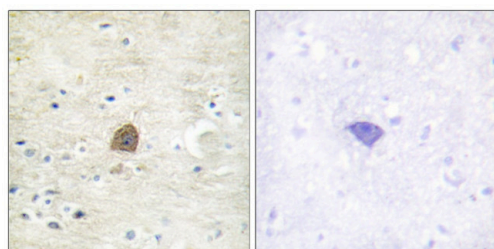
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Fruit fly
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Peptide sequence around phosphorylation site of threonine 305 (I-L-T(p)-T-M) derived from Human CaMK2-alpha-beta-delta
Form	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_2554440

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-

## Product Specific Information

A suggested positive control for Western blot is NIH-3T3 cells; suggested positive control for IHC is human brain tissue.

## Product Images For Phospho-CaMKII alpha/beta/delta (Thr305) Polyclonal Antibody



**Phospho-CaMKII alpha/beta/delta (Thr305) Antibody (PA5-37832) in IHC (P)**  
Immunohistochemical analysis of Phospho-CaMKII alpha/beta/delta (Thr305) in paraffin-embedded Human brain tissue using Phospho-CaMKII alpha/beta/delta (Thr305) Polyclonal Antibody (Product # PA5-37832) (left) or the same antibody preincubated with blocking peptide (right).

Immunohistochemistry (1)

Neuron	Year 2019
<b>The Mechanosensitive Ion Channel Piezo Inhibits Axon Regeneration.</b>	Species Fruit fly
"PA5-37832 was used in Immunohistochemistry to show that DmPiezo, a Ca2+-permeable non-selective cation channel, functions as an intrinsic inhibitor for axon regeneration in Drosophila."	Dilution 1:50
Authors: Song Y,Li D,Farrelly O,Miles L,Li F,Kim SE,Lo TY,Wang F,Li T,Thompson-Peer KL,Gong J,Murthy SE,Coste B,Yakubovich N,Patapoutian A,Xiang Y,Rompolas P,Jan LY,Jan YN	

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