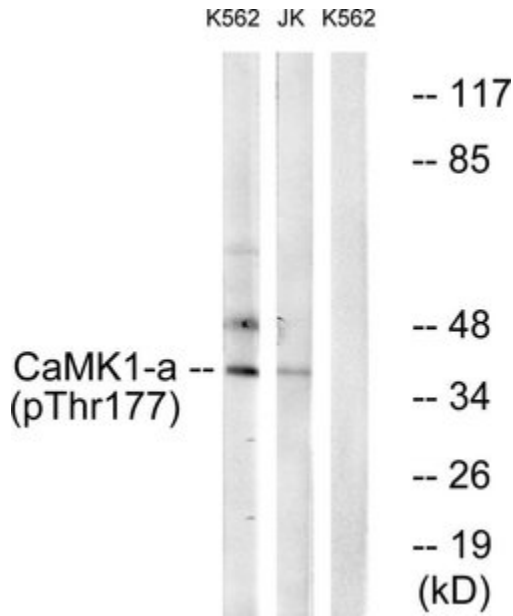


Phospho-CaMKI (Thr177) Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Mouse, Rhesus monkey
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic phosphopeptide derived from human CaMK1-alpha around the phosphorylation site of Thr177 (L-S-TP-A-C)
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	Dulbecco's PBS, pH 7.4, with 150mM NaCl, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2555035

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-

Product Images For Phospho-CaMKI (Thr177) Polyclonal Antibody



Phospho-CaMKI (Thr177) Antibody (PA5-38434) in WB

Western blot analysis of Phospho-CaMK1 alpha pThr177 in extracts from K562 cells and Jurkat cells both treated with insulin (0.01U/mL, 15 min) using a Phospho-CaMK1 alpha pThr177 polyclonal antibody (Product # PA5-38434).

3 References

Western Blot (3)

The Journal of biological chemistry

IQGAP1 binds AMPK and is required for maximum AMPK activation.

"Published figure using Phospho-CaMKI (Thr177) polyclonal antibody (Product # PA5-38434) in Western Blot"

Authors: Hedman AC, Li Z, Gorisse L, Parvathaneni S, Morgan CJ, Sacks DB

Species

Not Applicable

Dilution

Not Cited

Year

2021

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.

"PA5-38434 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

Species

Rhesus monkey

Dilution

1:1000

Year

2019

[View more WB references on thermofisher.com](#)

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