

Anti-Phosphothreonine Antibody

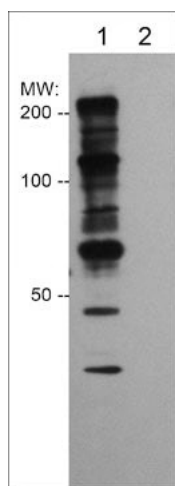


Product Details

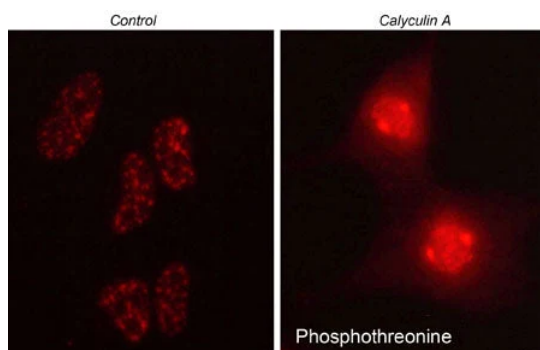
Available Variants	100 µL (SKU:PP4641)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	N/A
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:250 IP: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Phosphothreonine synthetic peptides coupled to carrier protein.
Specificity	This antibody was cross-adsorbed to unphosphorylated peptide then affinity purified using phospho-threonine peptide (without carrier). The antibody detects many serine or threonine phosphorylated proteins by western blot and ELISA.
Molecular Weight	N/A
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	<u>N/A</u>

Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	pThr

Product Images



Western blot of human A431 cells treated with Calyculin A (100 nM) for 30 min. The blot was untreated (lane 1) or treated with lambda phosphatase (lanes 2), then probed with anti-Phosphothreonine (PP4641) at 1:1000.



Immunocytochemical labeling of phosphothreonine upregulation in control (left) or calyculin A-treated HeLa cells (right). The cells were labeled with rabbit polyclonal anti-Phosphothreonine (PP4641). The antibody was detected using goat anti-rabbit DyLight® 594.



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