

Anti-Phosphoserine/threonine Antibody



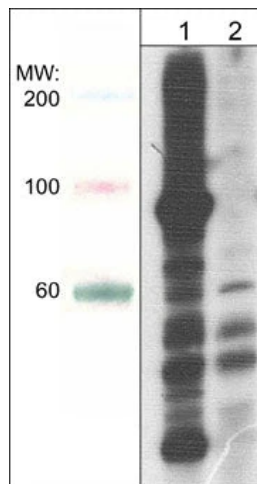
Product Details

Available Variants	100 µL (SKU:PP2551)
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: 1:50 IP: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Anti-Phosphoserine/threonine was generated from a panel of phosphoserine and phosphothreonine-containing peptide immunogens designed from human protein sequences. All peptide sequences used are highly conserved in many species.
Specificity	This antibody was cross-adsorbed to unphosphorylated peptide then affinity purified using a mix of phosphoserine and phosphothreonine peptides (without carrier). The antibody detects many serine or threonine phosphorylated proteins by western blot, immunocytochemistry, 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

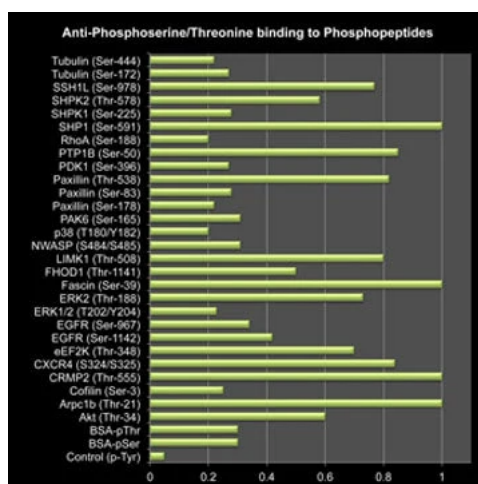
-20°C.

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	pSer/Thr

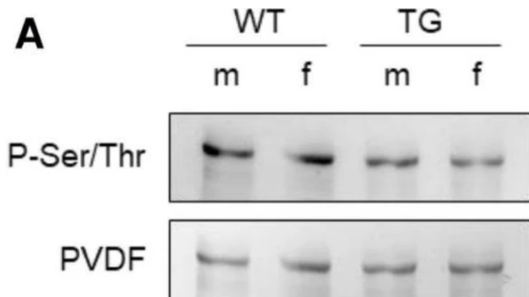
Product Images



Western blot analysis of A431 cells treated with calyculin A (100 nM) for 30 min (lane 1) then treated with lambda phosphatase (lane 2). The blot was probed with anti-Phosphoserine/threonine rabbit polyclonal at 1:1000.



Bar graph showing anti-Phosphoserine/threonine (PP2551) binding to a variety of phosphoserine and phosphothreonine peptides, but not control peptide containing unphosphorylated serine or phosphotyrosine.



Western blot showing N2B-Titin total phosphorylation (Cat. PP2551, 1:500) in male and female mRen2 and WT rats. Image from publication CC-BY-4.0. [PMID: 37363100](#)

Product Page URL: www.antibodiesinc.com/products/anti-phosphoserine-threonine-antibody-pp2551



Created on 02. September 2026 | All information without guarantee