

Anti- α -Actinin 4 (Tyr-4), Phosphospecific Antibody

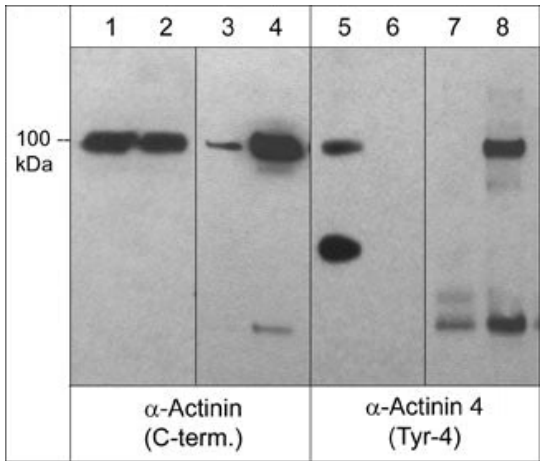


Product Details

Available Variants	100 μ L (SKU:AP4241)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ACTN4
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, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho- α -actinin 4 (Tyr-4) synthetic peptide (coupled to carrier protein) corresponding to amino acids in the N-terminus of human α -actinin 4. This sequence is well conserved in rat and mouse α -actinin 4, but is not conserved in other α -actinins.
Specificity	The antibody detects a 100 kDa* protein corresponding to the molecular mass of α -actinin 4 on SDS-PAGE immunoblots of human A431 cells treated with pervanadate, but is not observed after alkaline phosphatase treatment.
Molecular Weight	100
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>O43707</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	Tyr-4

Product Images



Western blot analysis of α -actinin 4 in A431 cells stimulated with pervanadate (1 mM) for 30 min (lanes 1,2,5,6) or after immunoprecipitation using α -actinin (C-terminal region) antibody in the absence (lanes 3 & 7) or presence of pervanadate-treated A431 cell lysate (lanes 4 & 8). Some lanes of the blot were treated with alkaline phosphatase (lanes 2 & 6). The blots were probed with anti- α -actinin (C-terminal region) or anti- α -actinin 4 (Tyr-4).

Product Page URL: www.antibodiesinc.com/products/anti-a-actinin-4-tyr-4-phosphospecific-antibody-ap4241

