

Anti-Arpc1b/p41-Arc (Thr-21), Phosphospecific Antibody

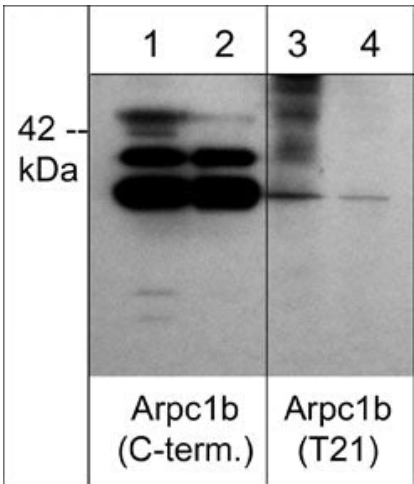


Product Details

Available Variants	100 µL (SKU:AP4351)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	ARPC1B
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: 1:500
Species Reactivity	Chicken, Frog, Human, Mouse, Rat
Immunogen	Phospho-Arpc1b/p41-Arc (Thr-21) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding threonine 21 in human Arpc1b. This peptide sequence is highly conserved in rat, mouse, chicken, and fish Arpc1b, and has some homology to the conserved site in isoform Arpc1a.
Specificity	The antibody detects a 41 kDa* protein corresponding to the molecular mass of Arpc1b on SDS-PAGE immunoblots of human A431 and mouse C2C12 treated with calyculin A. This reactivity is removed with lambda phosphatase treatment.
Molecular Weight	41
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>O15143</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	Thr-21

Product Images



Western blot analysis of Arpc1b phosphorylation in human A431 stimulated with calyculin A (100 nM) for 30 min (lanes 1 & 3). The blots were treated with lambda phosphatase to remove phosphorylation (lanes 2 & 4), then probed with anti-Arpc1b (C-terminal region) (lanes 1 & 2) or anti-Arpc1b (Thr-21) (lanes 3 & 4).

Product Page URL: www.antibodiesinc.com/products/anti-arpc1b-p41-arc-thr-21-phosphospecific-antibody-ap4351

