www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-Arpc1b/p41-Arc (C-terminal region) Antibody

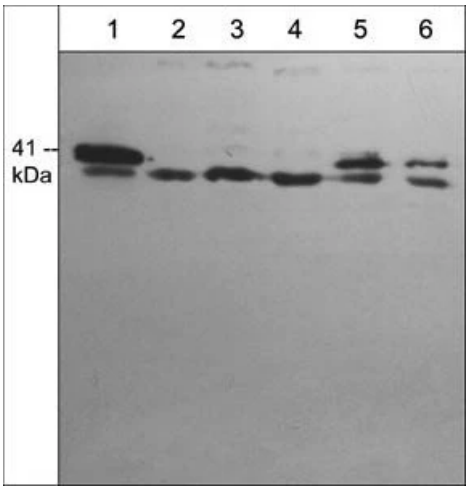
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:AP4321)
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% NaN3 and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:200 IP: 1:100
Species Reactivity	Chicken, Human, Mouse, Rat
Immunogen	Arpc1b/p41-Arc synthetic peptide (coupled to KLH) corresponding to amino acid residues in the C-terminal region of human Arpc1b. This peptide sequence is highly conserved in rat, mouse, and chicken Arpc1b, and has some homology to the conserved region 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 Jurkat cells, rat A7r5 and PC12 cells, and mouse C2C12 cells.
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	O15143 UniProt Summary: Component of the Arp2/3 complex, a multiprotein complex that mediates actin polymerization upon stimulation by nucleation-promoting factor (NPF). The Arp2/3 complex mediates the formation of branched actin networks in the cytoplasm, providing the force for cell motility. In addition to its role in the cytoplasmic cytoskeleton, the Arp2/3 complex also promotes actin polymerization in the nucleus, thereby regulating gene transcription and repair of damaged DNA. The Arp2/3 complex promotes homologous recombination (HR) repair in response to DNA damage by promoting nuclear actin polymerization, leading to drive motility of double-strand breaks (DSBs).
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.
NCBI Gene ID	10095

Product Images



Western blot of rat A7r5 (lane 1), human Jurkat (lane 2), rat PC12 (lane 3), human PC3 (lane 4), mouse C2C12 (lane 5), and human A431 cells (lane 6). The blot was probed with rabbit polyclonal anti-Arpc1b (C-terminal region).



Created on 20. November 2026 | All information without guarantee