BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-ARPC5 Antibody (Center)

Catalog Number: M02096-1

About ARPC5

Functions as component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks.

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Overview

Product Name	Anti-ARPC5 Antibody (Center)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ARPC5 Antibody (Center) (Catalog # M02096-1). Tested in WB, IF application(s). This antibody reacts with Human, Mouse, Rat.
Application	IF, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O15511

Technical Details

Immunogen	This ARPC5 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 67-101 amino acids from the Central region of human ARPC5.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	IF: 1:25

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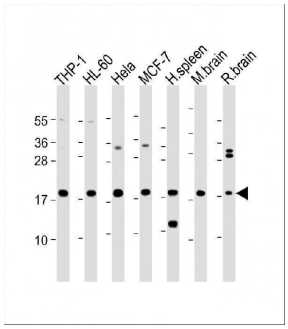
	WB: 1:2000 Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.

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Anti-ARPC5 Antibody (Center) (M02096-1) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling ARPC5 with M02096-1 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and weak nucleus staining on U-2 OS cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red).The nuclear counter stain is DAPI (blue).



All lanes : Anti-ARPC5 Antibody (Center) at 1:2000 dilutionLane 1: THP-1 whole cell lysateLane 2: HL-60 whole cell lysateLane 3: Hela whole cell lysateLane 4: MCF-7 whole cell lysateLane 5: Human spleen lysateLane 6: Mouse brain lysateLane 7: Rat brain lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-ARPC5 Antibody (Center)

For Research Use Only. Not for use in diagnostic procedures.