antibodies - online.com







anti-ARPC5 antibody (AA 67-101)

Images



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Overview	
Quantity:	200 μL
Target:	ARPC5
Binding Specificity:	AA 67-101
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPC5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)
Product 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.
Clone:	RB56751
Isotype:	Ig Fraction
Predicted Reactivity:	В
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	ARPC5
Alternative Name:	ARPC5 (ARPC5 Products)

Target Details

Background:	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.	
Molecular Weight:	16320	
UniProt:	015511	
Pathways:	RTK Signaling, Regulation of Actin Filament Polymerization	

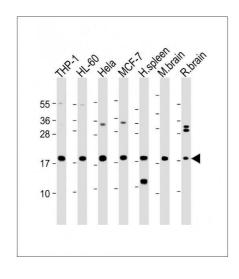
Application Details

Application Notes:	IF: 1:25. WB: 1:2000
Restrictions:	For Research Use only

Handling

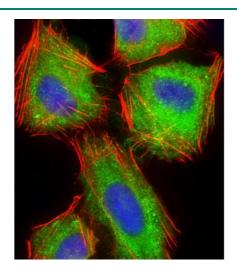
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images



Western Blotting

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



Immunofluorescence

Image 2. Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-2 OS (human osteosarcoma cell line) cells labeling ARPC5 with (ABIN6242714 and ABIN6578786) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (1583138) 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 (PD18466410) at 1/100 dilution (red). The nuclear counter stain is DI (blue).