



# Anti-ARPC2 (aa 14-277) polyclonal antibody (DPABH-19664)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Functions as actin-binding 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. Seems to contact the mother actin filament.
<b>Immunogen</b>	Recombinant fragment, corresponding to a region within amino acids 14-277 of Human ARPC2 (NP_005722).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human, Zebrafish
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC/IF
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ARPC2 actin related protein 2/3 complex, subunit 2, 34kDa [ Homo sapiens ]</a>
<b>Official Symbol</b>	ARPC2
<b>Synonyms</b>	ARPC2; actin related protein 2/3 complex, subunit 2, 34kDa; actin related protein 2/3 complex, subunit 2 (34 kD); actin-related protein 2/3 complex subunit 2; ARC34; p34 Arc; arp2/3 complex 34 kDa subunit; ARP2/3 protein complex subunit 34; PRO2446; p34-Arc; PNAS-139;
<b>Entrez Gene ID</b>	<a href="#">10109</a>
<b>Protein Refseq</b>	<a href="#">NP_005722</a>
<b>UniProt ID</b>	<a href="#">O15144</a>
<b>Chromosome Location</b>	2q36.1
<b>Pathway</b>	B Cell Receptor Signaling Pathway; Bacterial invasion of epithelial cells; CDC42 signaling events; ErbB1 downstream signaling; Fc gamma R-mediated phagocytosis;
<b>Function</b>	actin binding; protein binding; structural constituent of cytoskeleton;