



## Rabbit Anti-p21-ARC/AF350 Conjugated antibody

SL17589R-AF350

<b>Product Name</b>	Anti-p21-ARC/AF350
<b>Chinese Name</b>	AF350 标记的肌动蛋白相关蛋白 2/3 复合物亚基 3 抗体
<b>Alias</b>	Actin related protein 2/3 complex subunit 3; ARC21; ARPC3_HUMAN; ARP2/3 complex 21 kDa subunit; ARP2/3 protein complex subunit p21; ARPC3.
<b>Research Area</b>	Cell biology Signal transduction Cytoskeleton
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse(predicted:Human,Rat,Chicken,Cow,Rabbit,Xenopus laevis) IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	20kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human p21-ARC
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been conserved through evolution and is implicated in the control of actin polymerization in cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq,

Dec 2013]

**Function:**

p21-ARC is part of a complex implicated in the control of actin polymerization in cells. It belongs to a complex composed of ARP2, ARP3, ARPC1, ARPC2, ARPC3, ARPC4 and ARPC5, collectively known as the ARPC3 family. p21-ARC is implicated as an important regulator of growth cone translocation, especially in the CNS (Strasser et al, 2004).

**Subunit:**

Component of the Arp2/3 complex composed of ARP2, ARP3, ARPC1B/p41-ARC, ARPC2/p34-ARC, ARPC3/p21-ARC, ARPC4/p20-ARC and

**Subcellular Location:**

Cytoplasm, cytoskeleton. Cell projection.

**Similarity:**

Belongs to the ARPC3 family.

**Database links:**

[Entrez Gene: 10094](#) Human

[Entrez Gene: 56378](#) Mouse

[Entrez Gene: 288669](#) Rat

[Entrez Gene: 415204](#) Zebrafish

[Omim: 604225](#) Human

[SwissProt: O15145](#) Human

[SwissProt: Q9JM76](#) Mouse

[Unigene: 524741](#) Human

[Unigene: 275942](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



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