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Datasheet for ABIN5008126

## anti-ARPC5 antibody (AA 51-151) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	ARPC5
Binding Specificity:	AA 51-151
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPC5 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human p16 ARC
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Sheep,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	ARPC5
Alternative Name:	p16 ARC/ARPC5 ( <a href="#">ARPC5 Products</a> )

## Target Details

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**Background:** Synonyms: Actin related protein 2/3 complex subunit 5 16 kD, Actin related protein 2/3 complex subunit 5, Actin related protein 2/3 complex, subunit 5 16 kDa, Actin-related protein 2/3 complex subunit 5, ARC16, Arp2/3 complex 16 kDa subunit, Arp2/3 protein complex subunit p16, Actin-related protein 2/3, ARPC 5, Arpc5, ARPC5\_HUMAN, p16 Arc, p16-ARC.

Background: This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by this gene, the p16 subunit, has yet to be determined. Alternatively spliced transcript variants encoding different isoforms have been observed for this gene

**Pathways:** [RTK Signaling](#), [Regulation of Actin Filament Polymerization](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Storage:** -20 °C

**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

**Expiry Date:** 12 months