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Datasheet for ABIN1695033

anti-ARPC4 antibody (AA 1-100) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	ARPC4
Binding Specificity:	AA 1-100
Reactivity:	Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPC4 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARPC4/p20-ARC
Isotype:	IgG
Cross-Reactivity:	Xenopus laevis
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Chicken, Rabbit, Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	ARPC4
Alternative Name:	ARPC4/p20-ARC (ARPC4 Products)

Target Details

Background: Synonyms: Actin related protein 2/3 complex subunit 4, Actin related protein 2/3 complex subunit 4 20 kD, Actin related protein 2/3 complex subunit 4 20 kDa, Actin-related protein 2/3 complex subunit 4, ARC20, Arp2/3 complex 20 kDa subunit, Arp2/3 protein complex subunit p20, ARPC 4, ARPC4, ARPC4_HUMAN, MGC13544, OTTHUMP00000165252, OTTHUMP00000207520, p20 Arc, p20-ARC, p20ARC.

Background: This gene encodes one of seven subunits of the human Arp2/3 protein complex. This complex controls actin polymerization in cells and has been conserved throughout eukaryotic evolution. This gene encodes the p20 subunit, which is necessary for actin nucleation and high-affinity binding to F-actin. Alternative splicing results in multiple transcript variants. Naturally occurring read-through transcription exists between this gene and the downstream tubulin tyrosine ligase-like family, member 3 (TTLL3), which results in the production of a fusion protein. [provided by RefSeq, Nov 2010].

Gene ID: 10093

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

Application Details

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

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.

Handling

Expiry Date: 12 months