

Rabbit anti-Human ARPC4 Polyclonal Antibody | anti-ARPC4 antibody

ARPC4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234202	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

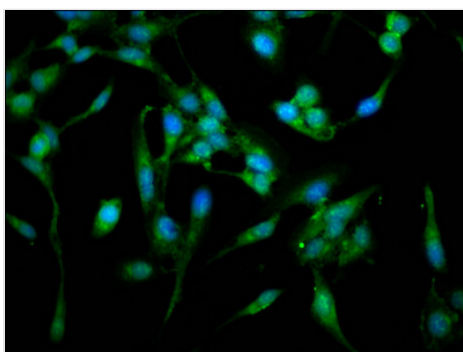
PRODUCT SYNONYMS

ARPC4; Polyclonal Antibody; ARPC4 Antibody; Actin-related protein 2/3 complex subunit 4; Arp2/3 complex 20 kDa subunit; p20-ARC; ARC20; anti-ARPC4 antibody

PRODUCT SPECIFICATIONS

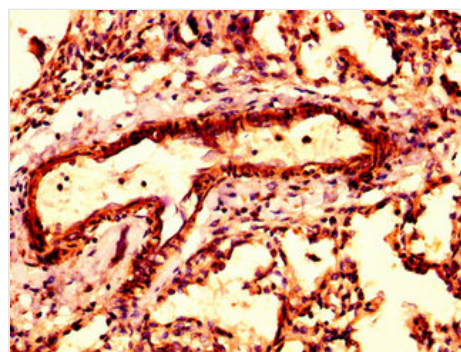
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	78
Applicable Applications for anti-ARPC4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Actin-related protein 2/3 complex subunit 4 protein (2-168AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234202 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234202 diluted at 1:300 and staining in paraffin-embedded human lung tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-ARPC4 antibody	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.
Product Categories/Family for anti-ARPC4 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	68161509
NCBI GeneID	10093
NCBI Accession #	NP_001020130.1
NCBI GenBank Nucleotide #	NM_001024959.2
UniProt Accession #	P59998; O15509; Q6P0W5; Q96QJ3; C9JWM7; E7ETI0; F6TTL5
Molecular Weight	9,552 Da
NCBI Official Full Name	actin-related protein 2/3 complex subunit 4 isoform b
NCBI Official Synonym Full Names	actin related protein 2/3 complex subunit 4
NCBI Official Symbol	ARPC4
NCBI Official Synonym Symbols	ARC20; P20-ARC
NCBI Protein Information	actin-related protein 2/3 complex subunit 4
UniProt Protein Name	Actin-related protein 2/3 complex subunit 4
UniProt Gene Name	ARPC4
UniProt Synonym Gene Names	ARC20; p20-ARC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arp4-antibody-immunofluorescence-immunohistochemistry-elisa/234202>