

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

Rabbit anti-ARPC4 Antibody, Affinity Purified

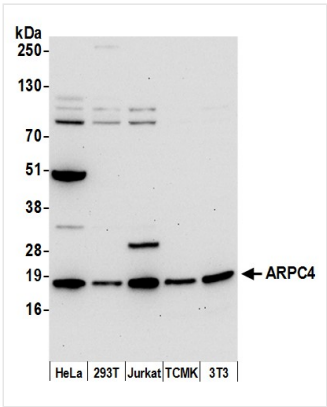
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213247	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

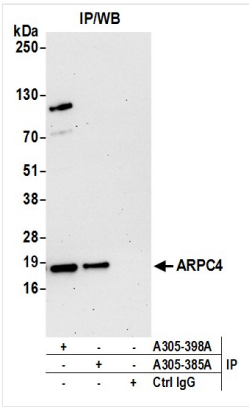
ARPC4; Polyclonal Antibody; Rabbit anti-ARPC4 Antibody; Affinity Purified; P20-ARC; arp2/3 protein complex subunit p20; arp2/3 complex 20 kDa subunit; ARC20; actin related protein 2/3 complex; subunit 4; 20kDa; actin-related protein 2/3 complex subunit 4; Actin-related protein 2/3 complex subunit 4; actin related protein 2/3 complex subunit 4; anti-ARPC4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ARPC4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human and mouse ARPC4 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ARPC4 antibody AAA213247 (lot AAA213247-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)
Detection of human ARPC4 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ARPC4 antibody AAA213247 (lot AAA213247-1) used for IP at 6 ug per reaction. ARPC4 was also immunoprecipitated by rabbit anti-ARPC4 antibody For blotting immunoprecipitated ARPC4, AAA213247 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ARPC4 antibody	Actin-related protein 2/3 complex subunit 4 (ARPC4) 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. ARPC4 seems to contact the mother actin filament [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P59998].
Product Categories/Family for anti-ARPC4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031595
NCBI GeneID	10093
NCBI Accession #	NP_005709.1
NCBI GenBank Nucleotide #	NM_005718.4
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 a
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
UniProt Entry Name	ARPC4_HUMAN

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/arpc4-antibody-immunoprecipitation-western-blot-elisa/213247>