

Human actin related protein 2/3 complex, subunit 2, 34kDa ELISA Kit | ARPC2 elisa kit

Human Actin-related protein 2/3 complex subunit 2, ARPC2 ELISA Kit

CATALOG #
AAA112338

REACTIVITY
Human

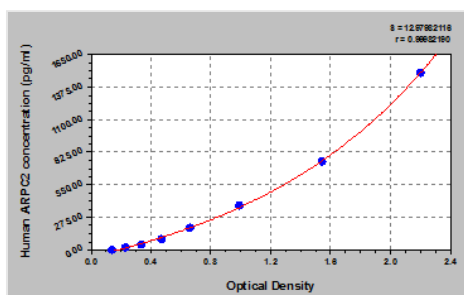
PRODUCT SYNONYMS

actin related protein 2/3 complex; subunit 2; 34kDa; Human Actin-related protein 2/3 complex subunit 2; ARPC2 ELISA Kit; Human Actin-related protein 2/3 complex subunit 2 (ARPC2) ELISA kit; ARC34; PNAS-139; PRO2446; p34-Arc; ARP2/3 protein complex subunit 34; actin related protein 2/3 complex subunit 2; ARPC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ARPC2. No significant cross-reactivity or interference between human ARPC2 and analogues was observed.
Sequence Length	300
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	23.5 pg/ml -1500 pg/ml.
Sensitivity	The minimum detectable dose of human ARPC2 is typically less than 5.8 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARPC2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ARPC2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ARPC2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ARPC2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ARPC2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031599
NCBI GeneID	10109
NCBI Accession #	NP_005722.1
NCBI GenBank Nucleotide #	NM_005731.3
UniProt Accession #	O15144; Q92801; Q9P1D4
Molecular Weight	34,333 Da
NCBI Official Full Name	actin-related protein 2/3 complex subunit 2
NCBI Official Synonym Full Names	actin related protein 2/3 complex, subunit 2, 34kDa
NCBI Official Symbol	ARPC2
NCBI Official Synonym Symbols	ARC34; PRO2446; p34-Arc; PNAS-139
NCBI Protein Information	actin-related protein 2/3 complex subunit 2; arp2/3 complex 34 kDa subunit; ARP2/3 protein complex subunit 34
UniProt Protein Name	Actin-related protein 2/3 complex subunit 2
UniProt Gene Name	ARPC2
UniProt Synonym Gene Names	ARC34; PRO2446; p34-ARC
UniProt Entry Name	ARPC2_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/arp2-human-elisa-kits/actin-related-protein-2-3-complex-subunit-2-34kda/112338>