

Arp2/3 Complex Antibody Sampler Kit | Arp2/3 antibody sampler kit

Arp2/3 Complex

CATALOG # AAA71555	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunocytochemistry, Immunoprecipitation, ELISA, Western Blot
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PRODUCT SYNONYMS

Arp2/3 Complex; Arp2/3 antibody sampler kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Rat, Mouse
Form/Format	Rabbit polyclonal antibodies are supplied in phosphate-buffered saline (PBS), 50% glycerol, 1mg/ml BSA, and 0.05% sodium azide.
Applicable Applications for Arp2/3 antibody sampler kit	ICC (Immunocytochemistry), IP (Immunoprecipitation), ELISA, WB (Western Blot)
Preparation and Storage	Store at -20 degree C. Stable for 1 year.

ADDITIONAL INFORMATION

Related Product Information for Arp2/3 antibody sampler kit	Background: Cellular morphology, adhesion, and motility occur through dynamic reorganization of actin-based superstructures. Actinbinding proteins are critical for regulating actin polymerization and superstructure formation. The Arp2/3 complex is an actin polymerization-inducing complex that includes Arp2, Arp3, p41-Arc, p34-Arc, p21-Arc, p20-Arc, and p16-Arc. Several nucleation promoting factors, such as WASP and coronin, regulate the activity of the Arp2/3 complex. In addition, the Arp2/3 complex may be regulated by phosphorylation of specific subunits in the complex. Arp2 has two phosphosites, Thr-237 and Thr-238, that are evolutionarily conserved, and are phosphorylated along with Tyr-202 in response to growth factor stimulation. p41-Arc (Arpc1b) subunit Arpc1 has two isoforms in humans, Arpc1a and Arpc1b. PAK1 can bind and phosphorylate Thr-21 in Arpc1b leading to growth factor-stimulated cell motility. In addition, Arpc1b colocalizes with gamma- tubulin at centrosomes and stimulates Aurora A activity.
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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://www.aaabiotech.com/human-mouse-rat-antibody-sampler-kits/arp2-3-complex/71555>