SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Marker Primary Antibody]

Rabbit Anti-ARPC1A/FITC Conjugated antibody

Catalog Number: SL12526R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-ARPC1A/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human ARPC1A
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	ICC/IF=1:50-200 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Rat(predicted:Mouse,Chicken,Pig,Cow,Horse,Rabbit,Sheep)
Background:	background: This gene encodes one of seven subunits of the human Arp2/3 protein complex. This subunit is a member of the SOP2 family of proteins and is most similar to the protein encoded by gene ARPC1B. The similarity between these two proteins suggests that they both may function as p41 subunit of the human Arp2/3 complex that has been implicated in the control of actin polymerization in cells. It is possible that the p41 subunit is involved in assembling and maintaining the structure of the Arp2/3 complex. Multiple versions of the p41 subunit may adapt the functions of the complex to different cell types or developmental stages. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]. **Function:** Probably functions as 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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

	networks. **Subunit:** Probable component of the Arp2/3 complex in which it may replace ARPC1B. **Subcellular Location:** Cytoplasm; cytoskeleton. **Similarity:** Belongs to the WD repeat ARPC1 family. Contains 6 WD repeats. **Database links:** UniProtKB/Swiss-Prot: Q92747.2 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.