

Product datasheet for AP17130PU-N

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OriGene Technologies, Inc.

ARPC1A (Center) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WE

Recommended Dilution: Western blot: 1:50 - 1:100.

ELISA: 1:1,000.

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Immunogen: KLH conjugated synthetic peptide selected from the Center region of human ARPC1A

Specificity: This antibody detects ARPC1A / SOP2L at Center.

Formulation: PBS with 0.09% (W/V) sodium azide

State: Liquid Ig fraction

Concentration: lot specific

Purification: Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Conjugation: Unconjugated

Storage: Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: actin related protein 2/3 complex subunit 1A

Database Link: Entrez Gene 10552 Human

Q92747

Background: ARPC1A is 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 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.

Synonyms: SOP2-like protein

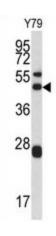


Note: Molecular weight: 41569 Da

Protein Pathways: Fc gamma R-mediated phagocytosis, Pathogenic Escherichia coli infection, Regulation of actin

cytoskeleton

Product images:



Western blot analysis of ARPC1A antibody (Center) in Y79 cell line lysates (35 ug/lane). ARPC1A (arrow) was detected using the purified Pab.