

ARPC1A Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3707a**Specification**

ARPC1A Antibody (C-Term) - Product Information

Application	WB, E
Primary Accession	Q92747
Other Accession	NP_006400.2 , NP_001177925.1 , 10552 , 56443 (mouse), 81824 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	41569

ARPC1A Antibody (C-Term) - Additional Information**Gene ID** 10552**Other Names**

Actin-related protein 2/3 complex subunit 1A, SOP2-like protein, ARPC1A, SOP2L

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ARPC1A Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

ARPC1A Antibody (C-Term) - Protein Information**Name** ARPC1A**Synonyms** SOP2L**Function**

Probably functions as a 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.

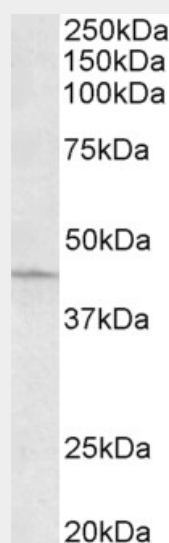
Cellular Location

Cytoplasm, cytoskeleton. Nucleus {ECO:0000250|UniProtKB:Q8AVT9}

ARPC1A Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ARPC1A Antibody (C-Term) - Images

AF3707a (0.3 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ARPC1A Antibody (C-Term) - Background

This antibody is expected to recognize both reported isoforms (NP_006400.2; NP_001177925.1). No cross-reactivity expected with ARPC1B.

ARPC1A Antibody (C-Term) - References

Characterization of the 7q21-q22 amplicon identifies ARPC1A, a subunit of the Arp2/3 complex, as a regulator of cell migration and invasion in pancreatic cancer. Laurila E, Savinainen K, Kuuselo R, Karhu R, Kallioniemi A. Genes Chromosomes Cancer. 2009 Apr;48(4):330-9. PMID: 19145645