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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB05434 - Goat Anti-ARPC1A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** actin related protein 2/3 complex subunit 1A, SOP2Hs, Arc40, actin binding protein (Schizosaccharomyces pombe sop2-like), SOP2-like protein, SOP2Hs, SOP2HS, SOP2L, actin related protein 2/3 complex, subunit 1A, 41kDa, ARPC1A

**Official Symbol:** ARPC1A

**Accession Number(s):** NP\_006400.2

**Human GeneID(s):** [10552](#)

**Non-Human GeneID(s):** 56443 (mouse), 81824 (rat)

### Immunogen

Peptide with sequence SLHQFLLEPITCH, from the N Terminus of the protein sequence according to NP\_006400.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** No signal obtained yet but low background observed in Human Testis and A431 lysates at up to 2µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow

### Background Reference

Balasubramanian MK, Feoktistova A, McCollum D, Gould KL.

Fission yeast Sop2p: a novel and evolutionarily conserved protein that interacts with Arp3p and modulates profilin function.

EMBO J. 1996 Dec 2;15(23):6426-37.

**PMID:** 8978670