

## Anti-ARPC4 Antibody

Catalog Number: A10159-2

### About ARPC4

The ARP2/3 complex consists of seven subunits: two actin-related proteins (ARP2 and ARP3) and five ARP2/3 complex polypeptides (ARPC1B and ARPC2-5). ARPC4 is a core subunit of the actin-related protein (ARP2/3) complex, which catalyzes the formation of F-actin networks. ARPC4 is essential for the structural integrity of the ARP2/3 complex function. Mutations in ARPC4 cause Developmental delay, language impairment, and ocular abnormalities (DEVLO)(PMID: 35047857).

### Overview

Product Name	Anti-ARPC4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ARPC4 Antibody catalog # A10159-2. Tested in WB, IHC, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P59998

### Technical Details

Immunogen	E.coli-derived human ARPC4 recombinant protein (Position: T3-L164).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 ELISA, 1:100-1000

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