



ARPC2, CT (ARPC2, ARC34, Actin-related protein 2/3 complex subunit 2, Arp2/3 complex 34kD subunit) (FITC)

Catalog number

032095-FITC

Supplier

United States Biological

This gene encodes one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. The exact role of the protein encoded by this gene, the p34 subunit, has yet to be determined. Two alternatively spliced variants have been characterized to date. Additional alternatively spliced variants have been described but their full length nature has not been determined. [provided by RefSeq].

Applications

Suitable for use in Western Blot, FLISA

Recommended Dilution

FLISA: 1:1,000

Western Blot: 1:100-500

Storage and Stability

Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Note

Applications are based on unconjugated antibody.

Immunogen

ARPC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-291 amino acids from the C-terminal region of human ARPC2.

Formulation

Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).

Purity

Purified by Protein A affinity chromatography.

Specificity

Human

**Product Type**

Pab

Source

human

Isotype

IgG

Grade

Affinity Purified

Applications

FL WB

Crossreactivity

Hu

Storage

-20°C

Detection Method

FITC

Reference

Monfregola, J., et al. J. Biol. Chem. 285(22):16951-16957(2010)

Festen, E.A., et al. Am. J. Gastroenterol. 105(2):395-402(2010)

Franke, A., et al. Nat. Genet. 40(11):1319-1323(2008)

Xiao, F., et al. Brain Res. 1233, 168-175 (2008) :

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :