

CARP Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP01174

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ANKRD1. AA range:231-

280

Mol wt 36252

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name CARP Antibody

Synonyms ANKRD1; C193; CARP; HA1A2; Ankyrin repeat domain-containing protein 1; Cardiac ankyrin repeat

protein; Cytokine-inducible gene C-193 protein; Cytokine-inducible nuclear protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

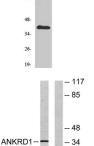
The protein (ankyrin repeat domain 1) encoded by ANKRD1 is localized to the nucleus of endothelial cells and is induced by IL-1 and TNFalpha stimulation. Studies in rat cardiomyocytes suggest that ANKRD1 functions as a transcription factor. Interactions between this protein and the sarcomeric proteins myopalladin and titin suggest that it may also be involved in the myofibrillar stretch-sensor system.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using CARP Polyclonal Antibody

Western blot analysis of lysates from COLO205 cells, using ANKRD1 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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