

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 TNF-alpha 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

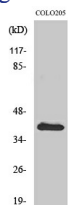
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

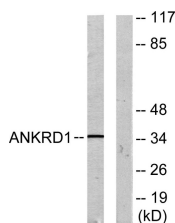
ELISA: 1: 20000

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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