

Cdc40 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP01590

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human CDC40. AA range:179-228

Mol wt 65521

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Cdc40 Antibody

Synonyms CDC40; EHB3; PRP17; PRPF17; Pre-mRNA-processing factor 17; Cell division cycle 40 homolog; EH-

binding protein 3; Ehb3; PRP17 homolog; hPRP17

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

Background

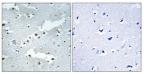
Pre-mRNA splicing occurs in two sequential transesterification steps. The protein encoded by CDC40 (cell division cycle 40) is found to be essential for the catalytic step II in pre-mRNA splicing process. It is found in the spliceosome, and contains seven WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp17 protein, which functions in two different cellular processes: pre-mRNA splicing and cell cycle progression. It suggests that this protein may play a role in cell cycle progression.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 40000

Not yet tested in other applications.

Images



K552HUVECCOLOK562
-- 117
-- 85

CDC40--- -- -- -- -- -- -- -- 48
-- 34
-- 26
-- 19
(kD)

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at $1:100(4^{\circ}$ overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Western blot analysis of lysates from K562, COLO, and HUVEC cells, using CDC40 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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