

**CCAR1 polyclonal antibody**

Catalog: BS8140

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

CARP-1 (cell division cycle and apoptosis regulator 1), also known as CCAR1 or DIS, is a 1,150 amino acid protein that localizes to the perinuclear region of the cytoplasm and contains one SAP domain. Expressed in several epithelial cancer cell lines, including breast, colon, prostate and leukemia, CARP-1 is involved in apoptotic signaling, as well as in cell cycle progression and cell proliferation via interaction with c-Myc and cyclin B1. CARP-1 is subject to DNA damage-induced phosphorylation, probably by ATM or ATR. The gene encoding CARP-1 maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, non-syndromic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria.

**Product:**

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**Molecular Weight:**

~ 133 kDa

**Swiss-Prot:**

Q8IX12

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

IHC: 1:100~1:500

IF: 1:100~1:500

ELISA: 1:5000~1:10000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

CCAR1 polyclonal antibody detects endogenous levels of CCAR1 protein.

**DATA:****Note:**

For research use only, not for use in diagnostic procedure.

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