

## Cdc40 (S209) polyclonal antibody

Catalog: BS3374

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Cdc40, also known as pre-mRNA-processing factor 17 (PRPF17) or EH-binding protein 3 (EHB3), is a 579 amino acid nuclear protein. Cdc40 is essential for the catalytic step II of the pre-mRNA splicing process, in which Cdc40 associates with the spliceosome C complex. Cdc40 contains seven WD repeats, which are important in protein-protein interactions. Cdc40 has sequence similarity to the yeast protein Prp17, which is involved in pre-mRNA splicing and cell cycle progression. The sequence similarity between the mammalian Cdc40 and the yeast Prp17 may indicate an additional role in cell cycle progression for mammalian Cdc40.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 65 kDa

### Swiss-Prot:

O60508

### 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:

WB: 1:500~1:1000

IHC: 1:50~1:200

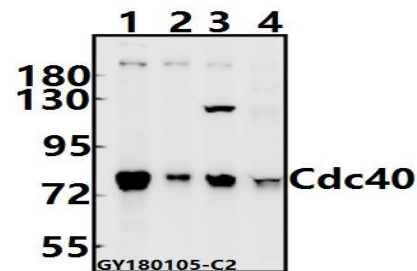
### Storage&Stability:

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

### Specificity:

Cdc40 (S209) polyclonal antibody detects endogenous levels of Cdc40 protein.

### DATA:



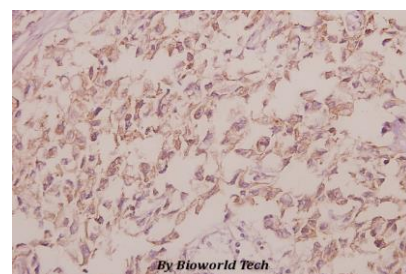
Western blot (WB) analysis of Cdc40 (S209) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(10ug)

Lane2:MCF-7 whole cell lysate(10ug)

Lane3:CT26 whole cell lysate(10ug)

Lane4:The Brain tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of Cdc40 (S209) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

### Note:

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

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