



Rabbit Anti-CDC40 monoclonal antibody, clone TE196-0 (CABT-L805)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Target | CDC40 |
| Immunogen | Recombinant protein |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Mouse, Rat |
| Clone | TE196-0 |
| Purification | Protein A purified. |
| Conjugate | Unconjugated |
| Applications | WB, ICC/IF, IHC, FC |
| Molecular Weight | 66 kDa |
| Cellular Localization | Nucleus. |
| Positive Control | HUVEC, SHG-44, Hela, mouse brain tissue, rat brain tissue, mouse colon tissue. |
| Format | Liquid |
| Size | 100 µl |
| Buffer | 1×TBS (pH7.4), 1% BSA, 40% Glycerol. |
| Preservative | 0.05% Sodium Azide |

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| Storage | Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
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BACKGROUND

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| Introduction | Cell cycle events are regulated by the sequential activation and deactivation of cyclin dependent kinases (Cdks) and by the proteolysis of cyclins. The cell division control (Cdc) genes are required at various points in the cell cycle. 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. |
| Keywords | Cdc40;Cell division cycle 40;Cell division cycle 40 homolog;EH binding protein 3;EH-binding protein 3;Ehb3;hPRP17;Pre mRNA processing factor 17;Pre mRNA splicing factor 17;Pre-mRNA-processing factor 17;PRP17;PRP17 homolog;PRP17_HUMAN;PRPF17 antibody |

GENE INFORMATION

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| Entrez Gene ID | 5970 |
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