

Product datasheet for **TA392848**

CDC40 Rabbit Polyclonal Antibody

Product data:

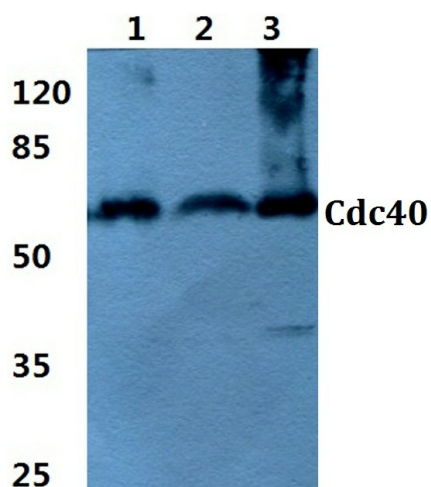
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 181-230 of Human Cdc40.
Specificity:	Cdc40 (S209) polyclonal antibody detects endogenous levels of Cdc40 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 65 kDa
Gene Name:	cell division cycle 40
Database Link:	Entrez Gene 51362 Human O60508
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.
Synonyms:	CDC40; Cell division cycle 40 homolog; EH-binding protein 3; EHB3; Ehb3; hPRP17; Pre-mRNA-processing factor 17; PRP17; PRP17 homolog; PRPF17



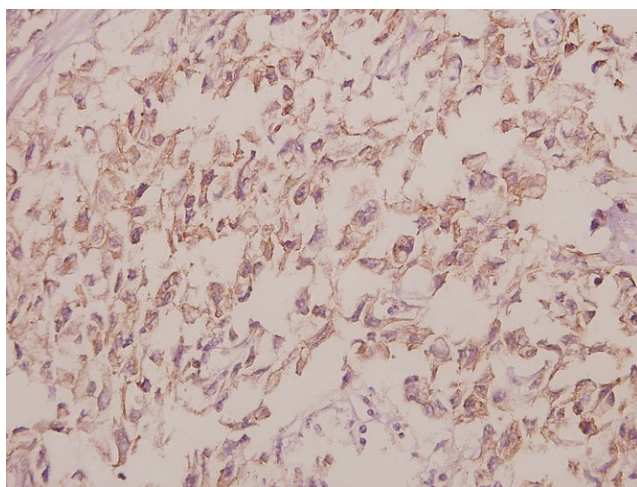
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Note: For research use only, not for use in diagnostic procedure.

Product images:



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.