

## Product datasheet for **TA365614S**

### CDCA4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: 293T and LOVO cell lysates IHC: 50-300 Positive control: Human gastric cancer Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	26 kDa
Gene Name:	cell division cycle associated 4
Database Link:	<a href="#">Entrez Gene 55038 Human Q9BXL8</a>



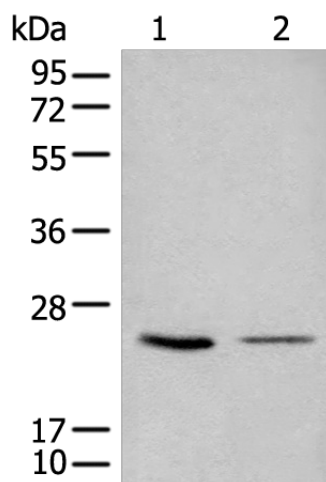
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**Background:**

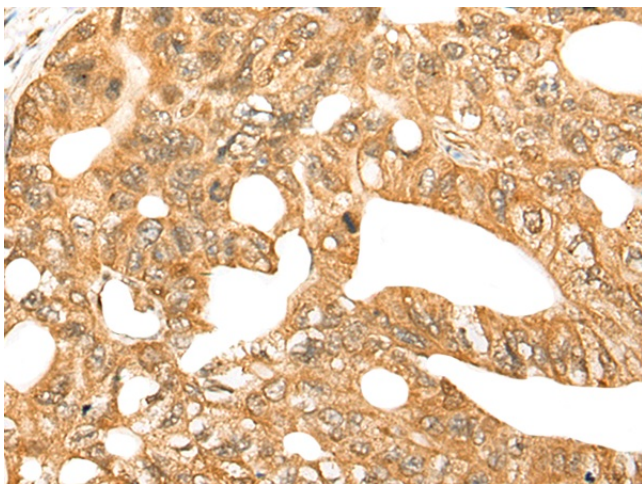
This gene encodes a protein that belongs to the E2F family of transcription factors. This protein regulates E2F-dependent transcriptional activation and cell proliferation, mainly through the E2F/retinoblastoma protein pathway. It also functions in the regulation of JUN oncogene expression. This protein shows distinctive nuclear-mitotic apparatus distribution, it is involved in spindle organization from prometaphase, and may also play a role as a midzone factor involved in chromosome segregation or cytokinesis. Two alternatively spliced transcript variants encoding the same protein have been noted for this gene. Two pseudogenes have also been identified on chromosome 1.

**Synonyms:**

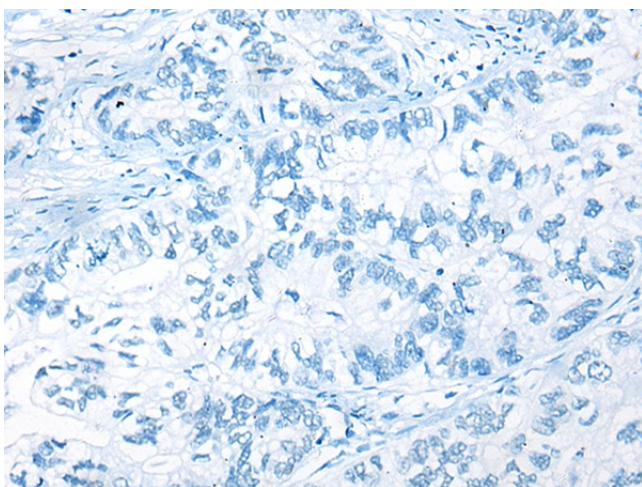
FLJ20764; FLJ52878; Hepp; MGC19517; SEI-3/HEPP

**Product images:**

Gel: 12%SDS-PAGE  
Lysate: 40 µg  
Lane 1-2: 293T and LOVO cell lysates  
Primary antibody: [TA365614] (CDCA4 Antibody) at dilution 1/1000  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 seconds



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA365614] (CDCA4 Antibody) at dilution 1/70 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA365614] (CDCA4 Antibody) at dilution 1/70, treated with fusion protein. (Original magnification:  $\times 200$ )