

# Anti-Phospho-CK1 alpha (Y321) Rabbit Polyclonal Antibody



**Catalog #: U0181**

## Aliases

Casein kinase I isoform alpha; CKI-alpha; CK1

## Background

Gene Name: CSNK1A1

NCBI Gene Entry: [1452](#)

UniProt Entry: [P48729](#)

## Application Information

Molecular Weight: Predicted, 38 kDa; observed, 45 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, chicken, pig, zebrafish

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

## Immunogen

A synthesized peptide derived from human Phospho-CK1 alpha (Y321)

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:100

**Note:** This product is for research use only.

## Validation Data

---

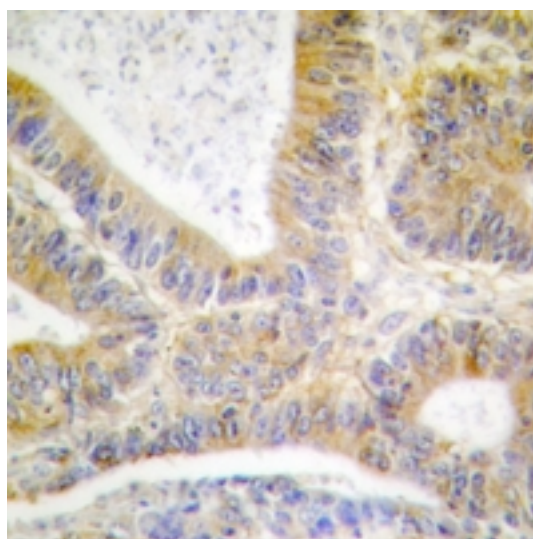
### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

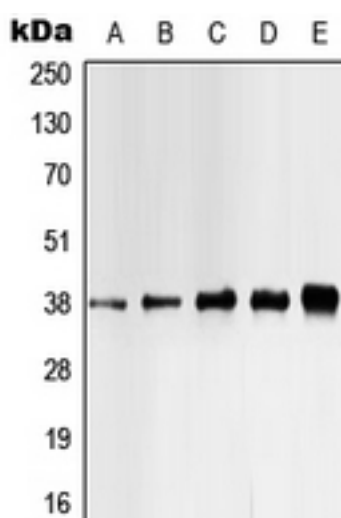
### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)



Immunohistochemical analysis of CK1 alpha (Phospho-Y321) staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of CK1 alpha (Phospho-Y321) expression in HEK293T UV-treated (A), Jurkat (B), K562 (C), mouse liver (D), H9C2 UV-treated (E) whole cell lysates.