

# Anti-CK-1 $\alpha$ (Phospho-Tyr294) Antibody



<u>Catalog No.</u>	<u>Size</u>
A100235-01	50 $\mu$ l
A100235-02	100 $\mu$ l

<b>Specificity</b>	Anti- CK-1 $\alpha$ (Phospho-Tyr294) (human mouse rat)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB IHC ELISA
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** P48729/Q8N752

**Other Names:** Casein kinase I, alpha isoform; CK1-alpha; CKI-alpha; CSNK1A1; EC 2.7.11.1; KC1A; kinase CK1-alpha

## Specificity and Sensitivity

CK-1  $\alpha$  (Phospho-Tyr294) antibody detects endogenous levels of CK-1  $\alpha$  only when phosphorylated at tyrosine 294.

## Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human CK-1  $\alpha$  around the phosphorylation site of tyrosine 294 (Y-D-YP-T-F).

The antibody was affinity-purified by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB 1:500~1:3000 IHC 1:50~1:100 ELISA 1:10000

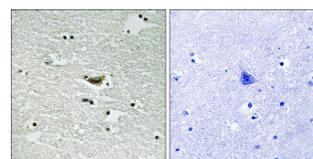
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Storage Instructions

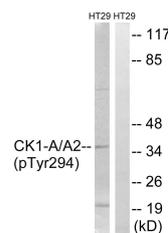
Stable for 1 year at  $-20^{\circ}C$  from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at  $4^{\circ}C$  for 3 months.

## Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CK-1  $\alpha$  (Phospho-Tyr294) antibody.



heat shock + +  
P-peptide - +

Western blot analysis of extracts from HT-29 cells, treated with heat shock, using CK-1  $\alpha$  (Phospho-Tyr294) antibody.

## Related Products

PW001: Super ECL Assay kit

E030120 : HRP, Goat Anti-Rabbit IgG(H+L)

E030220 : AP, Goat Anti-Rabbit IgG(H+L)

E021010: Anti-GAPDH Mouse Monoclonal Antibody

E021020: Anti-beta Actin Mouse Monoclonal Antibody

E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP