

Anti- Chk1 (Phospho-Ser296) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100085-01	50 µl
A100085-02	100 µl

Specificity	Anti- Chk1 (Phospho-Ser296) (human)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Specificity and Sensitivity

Swiss-Prot No.: O14757

Other Names: CHEK1; Chk1; EC 2.7.11.1; kinase Chk1

Specificity and Sensitivity

Chk1 (Phospho-Ser296) antibody detects endogenous levels of Chk1 only when phosphorylated at serine 296.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Chk1 around the phosphorylation site of serine 296 (I-Q-S^P-N-L).

The antibody was affinity-purified from rabbit antiserum 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:1:1000~ 1:3000 ELISA: 1:20000

IHC: 1:50~1:100

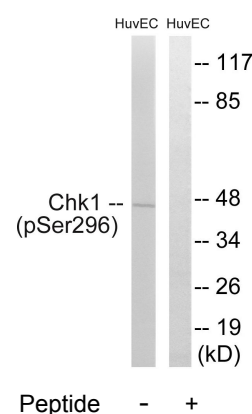
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

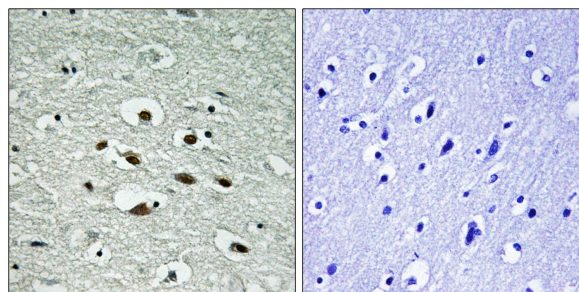
Storage Instructions

Stable for 1 year at -20°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°C for 3 months.

Images



Western blot analysis of extracts from HUVEC cells, treated with UV (15mins), using Chk1 (Phospho-Ser296) antibody.



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Chk1 (Phospho-Ser296) antibody.