

# Anti- C/EBP- $\alpha$ (Phospho-Ser21) Polyclonal Antibody

<u>Catalog No.</u>	<u>Size</u>
A100025-01	50 $\mu$ l
A100025-02	100 $\mu$ l



<b>Specificity</b>	Anti- C/EBP- $\alpha$ (Phospho-Ser21) (Human Mouse Rat)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA IHC
<b>Form</b>	Liquid, 1 mg/ml

## Specificity and Sensitivity

**Swiss-Prot No.:** P49715

**Other Names:** Apoptotic cysteine protease, Apoptotic protease Mch-5, CAP4, Caspase-8 precursor, EC 3.4.22.-, FADD-homologous ICE/CED-3- like protease, FADD-like ICE, FLICE, ICE-like apoptotic protease 5, ICE8, MACH, MCH5, MORT1-associated CED-3 homolog

## Specificity and Sensitivity

C/EBP- $\alpha$  (phospho-Ser21) antibody detects endogenous levels of C/EBP- $\alpha$  only when phosphorylated at serine 21.

## Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human C/EBP- $\alpha$  around the phosphorylation site of serine 21 (L-Q-S<sup>P</sup>-P-P). 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: 1:500~1:3000      IHC: 1:50~1:100

ELISA: 1:1000

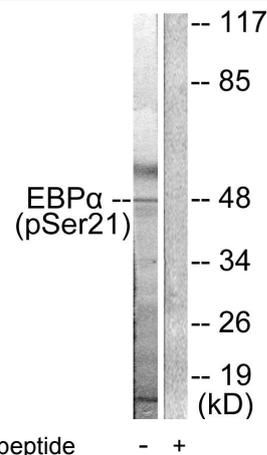
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

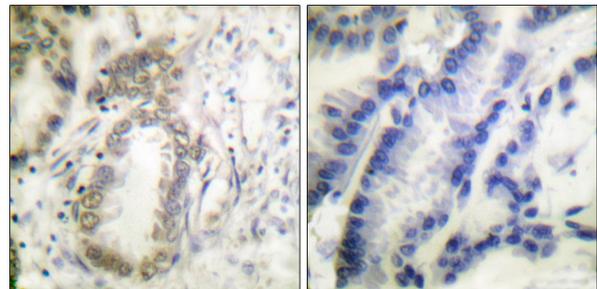
## Storage Instructions

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 HepG2 cells treated with EGF (200ng/ml, 5mins), using C/EBP- $\alpha$  (phospho-Ser21) antibody.



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue, using C/EBP- $\alpha$  (phospho-Ser21) antibody.