

# Anti- H4 (Ab-16) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A302738-01	50µl
A302738-02	100µl

<b>Specificity</b>	Anti- H4 (Ab-16) ( Human Mouse Rat )
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA IHC IF
<b>Form</b>	Liquid, 1 mg/ml

## Background Information

**Swiss-Prot No.:** P62805

**Other Names:** H4F2, HIST, HIST1H4A, Histone H4

## Specificity and Sensitivity

Histone H4 (Ab-16) antibody detects endogenous levels of total Histone H4 protein.

## Source and Purification

The antiserum was produced against synthesized non-acetylated peptide derived from human Histone H4 around the acetylation site of lysine 16 (G-A-K-R-H).

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  
IF: 1:100~1:500      ELISA: 1:40000

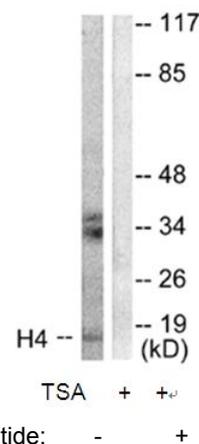
## Storage Buffer

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.

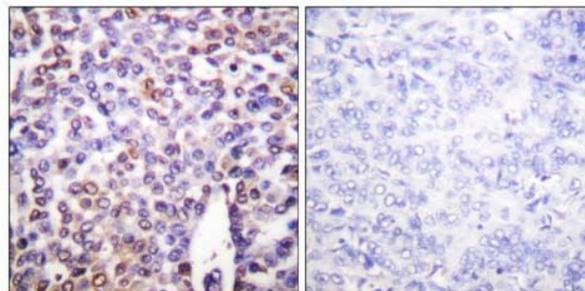
## Storage Instructions

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 RAW264.7 cells, treated with TSA (400nM, 24hours), using Histone H4 (Ab-16) antibody.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Histone H4 (Ab-16) antibody.