

Phospho-Histone H3-T3 Antibody

CABP0846

Description

This Phospho-Histone H3-T3 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP0846
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	H3/A, H3C2, H3C3, H3C4, H3C6, H3C7, H3C8, H3FA, H3C10, H3C11, H3C12, HIST1H3A, Phospho-Histone H3-T3
Clone:	-
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat, Other (Wide Range Predicted)

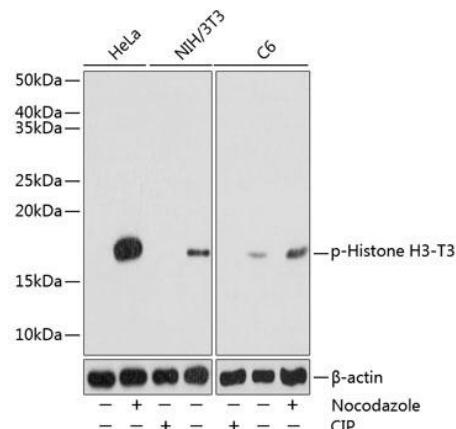
Antibody Data

Gene ID:	8290 8350
Uniprot:	AB_2771176
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	17kDa
Calculated MW:	15kDa

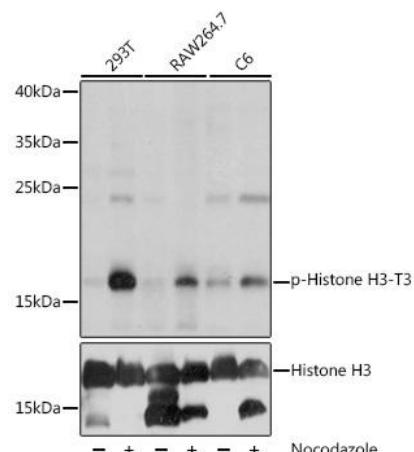
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.				
	Store Bradford Reagent at Room Temperature for 1 Year.				
Positive Sample:	HeLa treated with Nocodazole, NIH/3T3, C6, C6 treated with Nocodazole, 293T treated with Nocodazole, RAW264.7 treated with Nocodazole				
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:2000	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.				
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol				

Validation Data



Western blot analysis of various lysates using Phospho-Histone - pAb (CABP0846) at 1:1000 dilution. and HeLa cells were treated with Nocodazole (50 ng/mL) at 37°C for 20 hours. and NIH/3T3 cells were treated with CIP(20uL/400ul) at 37°C for 1 hour. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Western blot analysis of various lysates using Phospho-Histone - pAb (CABP0846) at 1:1000 dilution or Histone antibody (CAB2348). Both 293T cells and Raw264.7 cells were treated with Nocodazole (100 ng/mL) at 37°C for 16 hours. cells were treated with Nocodazole (50 ng/mL) at 37°C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.