

## Phospho-Histone H3-T3 Antibody

CABP0846

### Description

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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

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

### Antibody Data

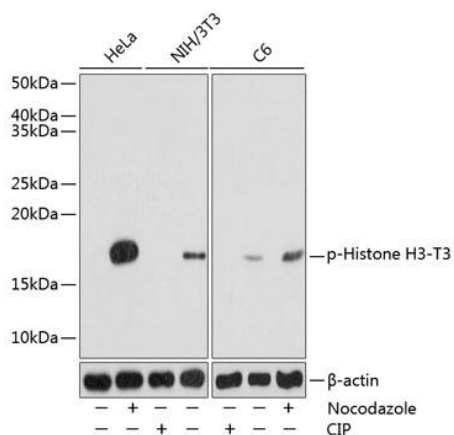
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<b>Gene ID:</b>	8290 8350
<b>Uniprot:</b>	AB_2771176
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	17kDa
<b>Calculated MW:</b>	15kDa

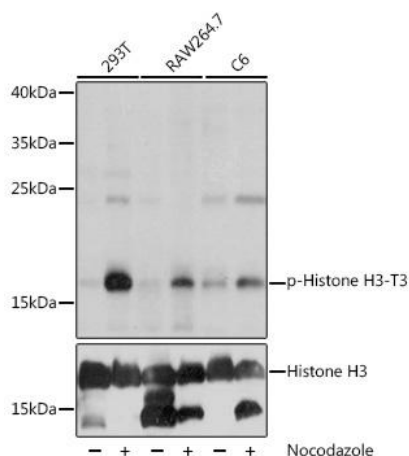
## Preparation & Storage

<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.	
<b>Positive Sample:</b>	HeLa treated with Nocodazole, NIH/3T3, C6, C6 treated with Nocodazole, 293T treated with Nocodazole, RAW264.7 treated with Nocodazole	
<b>Recommended Dilutions:</b>	<b>WB</b>	1:500 - 1:2000
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Protein Quantification (Optional):</b>	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> 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.