

## Product Datasheet

### Histone H3 (Phospho-T3) Antibody (orb338957)

<b>Catalog Number</b>	orb338957
<b>Category</b>	Antibodies
<b>Description</b>	The Histone H3 (Phospho-T3) Antibody is suitable for IHC, WB. It is a Polyclonal, Unconjugated antibody which raised against KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T3 of human Histone H3 protein. The exact sequence is proprietary. Purification: The antibody was purified by immunogen affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Bovine, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Zebrafish
<b>Form/Appearance</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.
<b>Immunogen</b>	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding T3 of human Histone H3 protein. The exact sequence is proprietary.
<b>UniProt ID</b>	<b>P68433, Q6LED0, P68431</b>
<b>Tested applications</b>	IHC, WB
<b>Dilution range</b>	WB: 1:500-1000, IHC-P: 1:100-200
<b>Specificity</b>	Recognizes endogenous levels of Histone H3 protein only when phosphorylated at T3.

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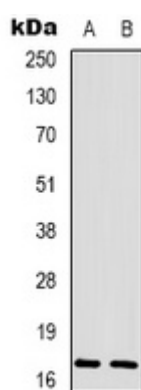
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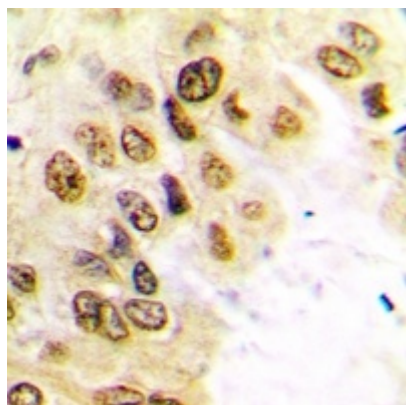
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<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>97908, 8353, 8968, 8355, 291159, 8354, 8356, 8352, 682330, 319153, 8358, 8357, 8351, 360198, 319152, 8350</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of Histone H3 (Phospho-T3) expression in HEK293T (A), HuvEc (B) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 17 kD)



Immunohistochemical analysis of Histone H3 (Phospho-T3) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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