

## Anti-Phospho-HIST1H3A (Thr11) Polyclonal Antibody 2

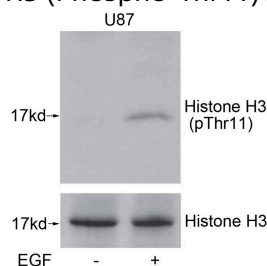
## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Applications

## Verified Activity:

1. Western blot analysis of extracts from U87 cells untreated or treated with EGF using Histone H3 (Phospho-Thr11) Antibody TMAC-01941.



Application: WB

## Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

## Antigen Details

Immunogen: Peptide sequence around phosphorylation site of threonine 11(K-S-T(p)-G-G) derived from Human Histone H3

Antigen Species: Human

Uniprot ID: P68431/Q71DI3/P84243

Synonyms: p-HIST1H3A (Thr11);p-HIST1H3A (T11);HIST1H3A (p-Thr11);HIST1H3A (p-T11)

## Research Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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