Data Sheet (Cat.No.TMAC-01941)

TargetMol

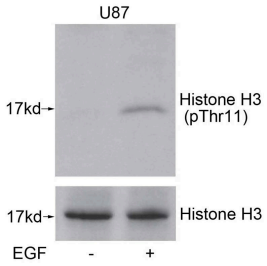
Anti-Phospho-HIST1H3A (Thr11) Polyclonal Antibody 2

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 chromatogramphy 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481