Data Sheet (Cat.No.TMAC-01047)

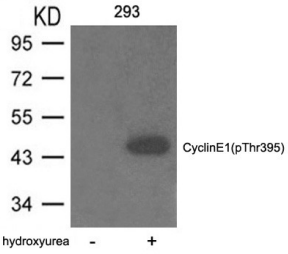
Anti-Phospho-CCNE1 (Thr395) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
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 293 cells untreated or treated with hydroxyurea using Cyclin E1 (phospho-Thr395) Antibody TMAC-01047.



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 395 (L-L-T(p)-P-P)derived from Human Cyclin E1
Antigen Species:	human
Uniprot ID:	P24864
Synonyms:	CCNE1 (p-T395);p-CCNE1 (Thr395);p-CCNE1 (T395);CCNE1 (p-Thr395)

Research Background

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK2, whose activity is required for cell cycle G1/S transition.

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