Phospho-Cyclin E1 (Thr395) Antibody

Cat. No.:	HY-P80807
Synonyms:	Phospho-Cyclin E1 (Thr395) Antibody is a non-conjugated and Rabbit origined polyclonal antibody about 47 kDa, targeting to Phospho-Cyclin E1 (Thr395). It can be used for WB assays with tag free, in the background of Human.
Host:	Rabbit
Reactivity:	Human
Conjugation:	Non-conjugated
SwissProt ID:	P24864
Research Field:	Cell Biology
Molecular Weight:	Predicted band size: 47 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.
Purity	affinity purified
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Appearance	Liquid

Application & Dilution Ratio

Application	Dilution Ratio
WB	1:500-1:1,000

Shipping	Shipping with blue ice.

DESCRIPTION

Background

Cyclin E1: 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. This protein accumulates at the G1-S phase boundary and is degraded as cells progress through S phase. Overexpression of this gene has been observed in many tumors, which results in chromosome instability, and thus may contribute to tumorigenesis. This protein was found to associate with, and be involved in, the phosphorylation of NPAT protein (nuclear protein mapped to the ATM locus), which participates in cell-cycle regulated histone gene expression and plays a critical role in promoting cell-cycle progression in the absence of pRB. [provided by RefSeq, Apr 2016]

Caution: Product has not been fully validated for medical applications. For research use only.

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