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Phospho-Cyclin E1-T395 Rabbit pAb

货号: AYP13164

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Homo sapiens
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200 **IHC:** 1:50 - 1:200
理论分子量	41kDa/45kDa/47kDa
实测分子量	55kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,HT-29
细胞定位	Nucleus
纯化	Affinity purification

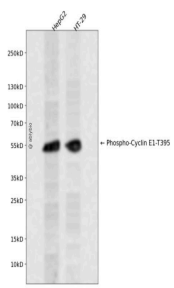
抗原信息

抗原信息	A synthetic phosphorylated peptide around T395 of human Cyclin E1 (NP_001229.1).

靶点信息

研究背景	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.
基因ID	898
基因名	CCNE1
Swiss	P24864 (https://www.uniprot.org/uniprotkb/P24864/entry)
别名	CCNE1,CCNE,pCCNE1,cyclin E1,Phospho-Cyclin E1-T395 Rabbit pAb

产品验证



Western blot analysis of Phospho-Cyclin E1-T395 expressed in HepG2,HT-29 using Phospho-Cyclin E1-T395 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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