

Cyclin E2 Rabbit pAb

货号: B13589

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens IP: Homo sapiens
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100
理论分子量	41kDa/46kDa
实测分子量	47kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Rat brain
细胞定位	Nucleus
纯化	Affinity purification

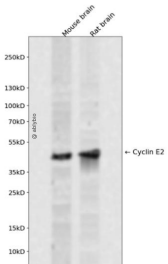
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of human Cyclin E2 (NP_477097.1).
序列	ALCHFTSIEVVKASGLEWDSISECVDWMVPFVN VVK STSPVKLKTFKKIPMEDRHNIQ TH TNYLAMLEEVNYINTFRKGGQLSPVCNGGIMTPPKSTEKPPGKH

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. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distinct from that of cyclin E1. A significantly increased expression level of this gene was observed in tumor-derived cells.
基因ID	9134
基因名	CCNE2
Swiss	O96020
别名	CCNE2;CYCE2;cyclin E2

产品验证



The Western blot image shows two lanes labeled 'Mouse brain' and 'Rat brain'. On the left, molecular weight markers are indicated in kilodaltons (kDa): 250, 130, 100, 70, 55, 35, 25, 15, and 10. On the right, a band is labeled 'Cyclin E2'. Both lanes show a distinct band at approximately 35 kDa, corresponding to Cyclin E2.

Western blot analysis of Cyclin E2 expressed in Mouse brain,Rat brain using Cyclin E2 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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