

Anti-Cyclin E2 antibody ab78941

★★★★☆ **1 Abreviews** 3 图像

概述

产品名称	Anti-Cyclin E2抗体
描述	兔多克隆抗体to Cyclin E2
宿主	Rabbit
经测试应用	适用于: WB, ELISA, IHC-P, ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic non-phosphopeptide derived from human Cyclin E2 around the phosphorylation site of threonine 392 (I-M-T ^P -P-P).
阳性对照	Human thyroid gland tissue. Extracts from COLO cells and Jurkat cells. NIH/3T3 cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab78941于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 47 kDa.
ELISA		1/5000.

应用	Ab评论	说明
IHC-P		1/50 - 1/100.
ICC/IF	★★★★★ (1)	1/500 - 1/1000.

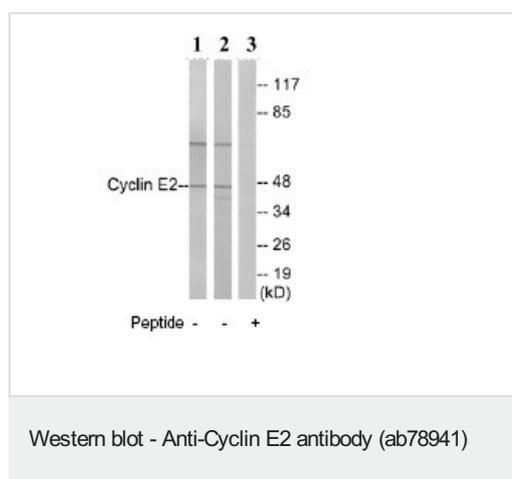
靶标

相关性

The human Cyclin E2 gene encodes a 404 amino acid protein that is most closely related to Cyclin E. Cyclin E2 mRNA levels peaks at the G1 / S transition. Cyclin E2 associates with Cdk2 in a functional kinase complex that is inhibited by both p27 (Kip1) and p21 (Cip1). Cyclin E2 / Cdk2 phosphorylates histone H1 in vitro. G1 cyclin E controls the initiation of DNA synthesis by activating CDK2. Abnormally high levels of cyclin E expression have frequently been observed in human cancers. Unlike Cyclin E1, which is expressed in great majority of proliferating normal and neoplastically transformed cells, Cyclin E2 levels are low to undetectable in non transformed cells and increase significantly in neoplasm derived cells.

细胞定位 Nuclear

图片



All lanes : Anti-Cyclin E2 antibody (ab78941) at 1/500 dilution

Lane 1 : Extracts from COLO cells

Lane 2 : Extracts from Jurkat cells

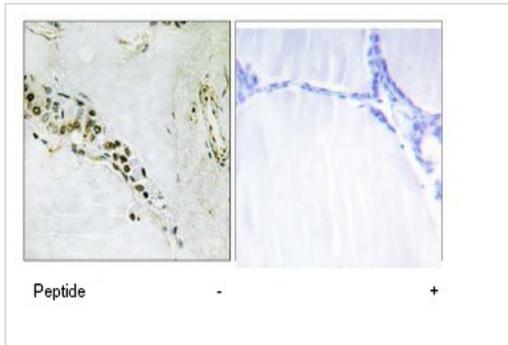
Lane 3 : Extracts from COLO cells with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 47 kDa

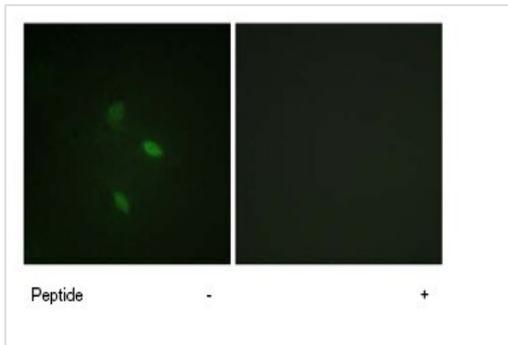
Observed band size: 47 kDa

Additional bands at: 70 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry analysis of paraffin-embedded human thyroid gland tissue using ab78941 at 1/50 dilution in the absence (left panel) or presence (right panel) of immunising peptide.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cyclin E2 antibody (ab78941)



Immunofluorescence analysis of NIH/3T3 cells using ab78941 at 1/500 dilution in the absence (left panel) or presence (right panel) of immunising peptide.

Immunocytochemistry/ Immunofluorescence - Anti-Cyclin E2 antibody (ab78941)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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