

Cyclin E2(Phospho Thr392) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15146
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Cyclin E2 around the phosphorylation site of Thr392. AA range:355-404
Mol wt	46757
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IF, ICC, ELISA
Concentration	1 mg/ml
Full name	G1/S-specific cyclin-E2
Synonyms	G1/S-specific cyclin-E2; CCNE2; G1/S-specific cyclin-E2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. 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.

Recommended Dilution

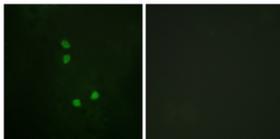
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

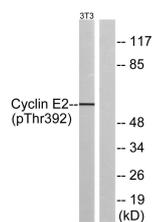
ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunofluorescence analysis of NIH/3T3 cells, using Cyclin E2 (Phospho-Thr392) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of Cyclin E2 (Phospho-Thr392) Antibody. The lane on the right is blocked with the Cyclin E2 (Phospho-Thr392) peptide.

Storage

-20°C for 1 year

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