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Datasheet for ABIN7008605 anti-Cyclin E2 antibody

3 Images



Overview

Quantity:	60 µL
Target:	Cyclin E2 (CCNE2)
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin E2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

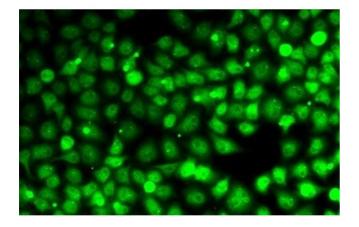
Immunogen:	Recombinant fusion protein of human CCNE2 (NP_477097.1).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

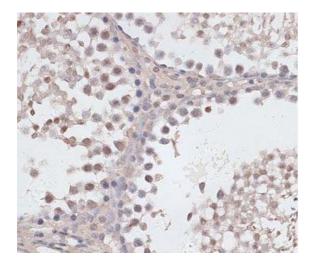
Target Details

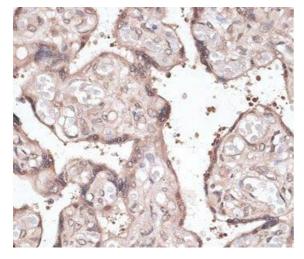
Target:	Cyclin E2 (CCNE2)
Alternative Name:	CCNE2 (CCNE2 Products)
Background:	The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell
	cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct
	expression and degradation patterns which contribute to the temporal coordination of each

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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.Gene ID:9134UniProt:096020Pathways:Cell Division Cycle, Mitotic G1-G1/S PhasesApplication DetailSIHC 1:50-1:200 IF 1:50-1:200Restrictions:For Research Use onlyHandlingLiquidFormat:LiquidRoservative:PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3Preservative:Sodium azidePreservative:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK2.
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Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.	Storage:	-20 °C
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Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells using CCNE2 Polyclonal Antibody

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Rat testis using CCNE2 Polyclonal Antibody at dilution of 1:100 (40x lens).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human placenta using CCNE2 Polyclonal Antibody at dilution of 1:100 (40x lens).

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