Datasheet for ABIN1533249

anti-Cyclin E1 antibody (AA 91-140)

3 Images

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Overview

Quantity:	100 µL
Target:	Cyclin E1 (CCNE1)
Binding Specificity:	AA 91-140
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin E1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Cyclin E1.
Isotype:	IgG
Specificity:	Cyclin E1 Antibody detects endogenous levels of total Cyclin E1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Cyclin E1 (CCNE1)
Alternative Name:	Cyclin E1 (CCNE1 Products)
Background:	Synonyms: CCNE, CCNE1, G1/S-specific cyclin E1

Target Details

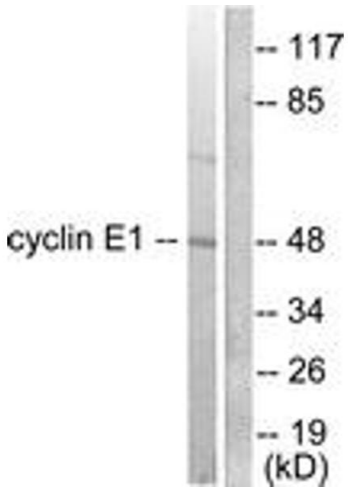
	NCBI Gene Symbol: CCNE1
Molecular Weight:	47 kDa
Gene ID:	898
OMIM:	123837
UniProt:	P24864
Pathways:	Cell Division Cycle, Intracellular Steroid Hormone Receptor Signaling Pathway, Nuclear Hormone Receptor Binding, Mitotic G1-G1/S Phases

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.175322 (NCBI Gene Symbol: CCNE1)
Restrictions:	For Research Use only

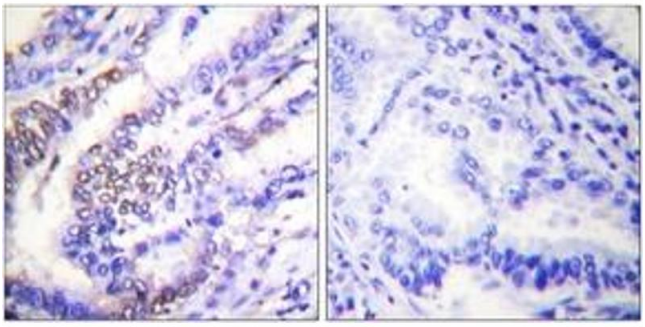
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



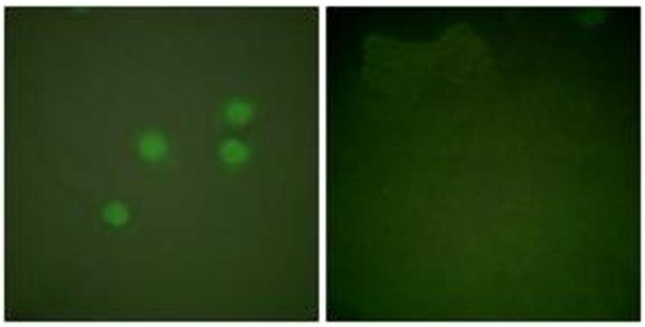
Western Blotting

Image 1. Western blot analysis of extracts from K562 cells, using Cyclin E1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Cyclin E1 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of A549 cells, using Cyclin E1 Antibody. The picture on the right is treated with the synthesized peptide.