

Datasheet for ABIN1531266
anti-Cyclin D3 antibody (pSer283)



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2 Images

Overview

Quantity:	100 µL
Target:	Cyclin D3 (CCND3)
Binding Specificity:	AA 243-292, pSer283
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin D3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Cyclin D3 around the phosphorylation site of Thr283.
Isotype:	IgG
Specificity:	Cyclin D3 (Phospho-Thr283) Antibody detects endogenous levels of Cyclin D3 only when phosphorylated at Thr283. PhosphorylationH:S283 M:S283 R:S284
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

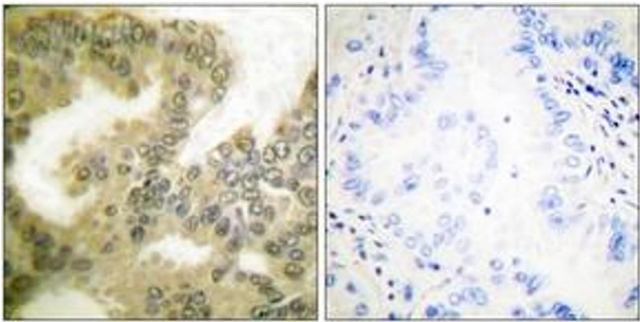
Target:	Cyclin D3 (CCND3)
Alternative Name:	Cyclin D3 (CCND3 Products)
Background:	Synonyms: CCND3, CGD3, Cyl-3, G1/S-specific cyclin D3 NCBI Gene Symbol: CCND3
Molecular Weight:	32 kDa
Gene ID:	896
OMIM:	123834
UniProt:	P30281
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.534307 (NCBI Gene Symbol: CCND3)
Restrictions:	For Research Use only

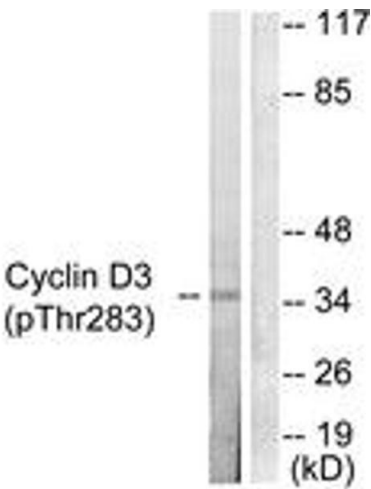
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Cyclin D3 (Phospho-Thr283) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from K562 cells treated with UV 5', using Cyclin D3 (Phospho-Thr283) Antibody. The lane on the right is treated with the synthesized peptide.