# antibodies.com

Datasheet for ABIN6266337 anti-E2F1 antibody (C-Term)

2 Images



## Overview

Quantity:	100 µL
Target:	E2F1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

# Product Details

Immunogen:	A synthesized peptide derived from human E2F1, corresponding to a region within C-terminal amino acids.
lsotype:	lgG
Specificity:	E2F1 Antibody detects endogenous levels of total E2F1.
Predicted Reactivity:	Pig,Bovine,Horse,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

Target Details

Target: E2F1

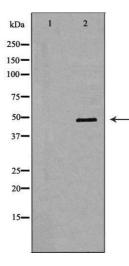
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6266337 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Target Details		
Alternative Name:	E2F1 (E2F1 Products)	
Background:	Description: Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes	
	whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F	
	complex functions in the control of cell-cycle progression from G1 to S phase. E2F1 binds	
	preferentially RB1 in a cell-cycle dependent manner. It can mediate both cell proliferation and	
	TP53/p53-dependent apoptosis. Blocks adipocyte differentiation by binding to specific	
	promoters repressing CEBPA binding to its target gene promoters (PubMed:20176812).	
	Positively regulates transcription of RRP1B (PubMed:20040599).	
	Gene: E2F1	
Molecular Weight:	47kDa	
Gene ID:	1869	
UniProt:	Q01094	
Pathways:	p53 Signaling, Cell Division Cycle, Mitotic G1-G1/S Phases, DNA Replication, M Phase,	
	Autophagy	
Application Details		
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline , 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:	Store at -20 °C. Stable for 12 months from date of receipt.	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6266337 | 09/10/2023 | Copyright antibodies-online. All rights reserved. Expiry Date:

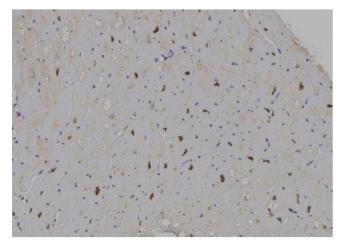
12 months

### Images



### Western Blotting

**Image 1.** Western blot analysis of Hela whole cell lysates, using E2F1 Antibody. The lane on the left is treated with the antigen-specific peptide.



### Immunohistochemistry

**Image 2.** ABIN6277059 at 1/100 staining Human heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22jãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary