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# Datasheet for ABIN6261413 anti-E2F6 antibody (Internal Region)

4 Images

1 Publication



#### Overview

Quantity:	100 µL
Target:	E2F6
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human E2F6, corresponding to a region within the internal amino acids.
Isotype:	lgG
Specificity:	E2F6 Antibody detects endogenous levels of total E2F6.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

### Target Details

Target:	E2F6	
	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	

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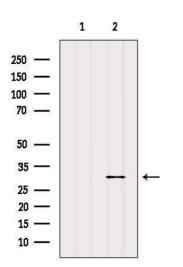
Target Details	
Alternative Name:	E2F6 (E2F6 Products)
Background:	Description: Inhibitor of E2F-dependent transcription. Binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3'. Has a preference for the 5'-TTTCCCGC-3' E2F recognition site. E2F6 lacks the transcriptional activation and pocket protein binding domains. Appears to regulate a subset of E2F-dependent genes whose products are required for entry into the cell cycle but not for normal cell cycle progression. May silence expression via the recruitment of a chromatin remodeling complex containing histone H3-K9 methyltransferase activity. Overexpression delays the exit of cells from the S-phase. Gene: E2F6
Molecular Weight:	31kDa
Gene ID:	1876
UniProt:	075461
Application Details	
Application Notes:	WB: 1:500-1:3000, IHC: 1:50-1:200, IF/ICC 1:100-1:500, 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.
Expiry Date:	12 months

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#### Product cited in:

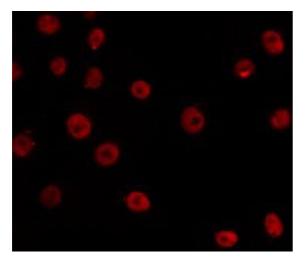
Wu, Zhu, Zhang, Yin, Kang, Cao, Tian, Lu, Liu: "EGFR-associated pathways involved in traditional Chinese medicine (TCM)-1-induced cell growth inhibition, autophagy and apoptosis in prostate cancer." in: **Molecular medicine reports**, Vol. 17, Issue 6, pp. 7875-7885, (2018) (PubMed).

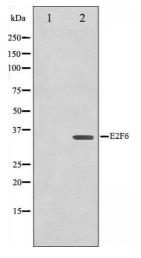
#### Images



#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from Mouse muscle, using E2F6 Antibody. The lane on the left was treated with blocking peptide.





#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6266532 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

#### Western Blotting

**Image 3.** Western blot analysis on HepG2 cell lysate using E2F6 Antibody,The lane on the left is treated with the antigen-specific peptide.

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