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Datasheet for ABIN7266878  
**anti-E2F5 antibody (AA 197-346)**

1 Image

Overview

Quantity:	100 µL
Target:	E2F5
Binding Specificity:	AA 197-346
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	E2F5 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 197-346 of human E2F5 (NP_001942.2).
Sequence:	QLEVPIPEMG QNGQKKYQIN LKSHSGPIHV LLINKESSSS KPVVFPVPPP DDLTQPSSQS LTPVTPQKSS MATQNLPEQH VSERSQALQQ TSATDISSAG SISGDIIDEL MSSDVFPLLR LSPTPADDYN FNLDDNEGVC DLFDVQILNY
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	E2F5
Alternative Name:	E2F5 ( <a href="#">E2F5 Products</a> )
Background:	<p>The protein encoded by this gene is a member of the E2F family of transcription factors. The E2F family plays a crucial role in the control of cell cycle and action of tumor suppressor proteins and is also a target of the transforming proteins of small DNA tumor viruses. The E2F proteins contain several evolutionarily conserved domains that are present in most members of the family. These domains include a DNA binding domain, a dimerization domain which determines interaction with the differentiation regulated transcription factor proteins (DP), a transactivation domain enriched in acidic amino acids, and a tumor suppressor protein association domain which is embedded within the transactivation domain. This protein is differentially phosphorylated and is expressed in a wide variety of human tissues. It has higher identity to E2F4 than to other family members. Both this protein and E2F4 interact with tumor suppressor proteins p130 and p107, but not with pRB. Alternative splicing results in multiple variants encoding different isoforms.,E2F5,E2F-5,Epigenetics &amp; Nuclear Signaling,Transcription Factors,Signal Transduction,ErbB-HER Signaling Pathway,E2F5</p>
Molecular Weight:	20kDa/37kDa
Gene ID:	1875
UniProt:	<a href="#">Q15329</a>

## Application Details

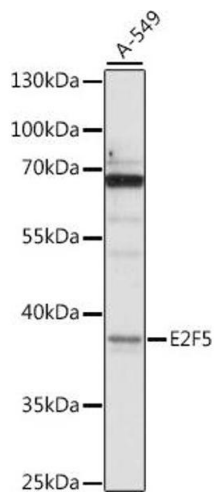
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of A-549 cells, using E2F5 antibody (ABIN7266878) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 15s.