

Datasheet for ABIN2780388  
**anti-E2F3 antibody (C-Term)**[Go to Product page](#)

4 Images

3 Publications

## Overview

Quantity:	100 µL
Target:	E2F3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human E2F3
Sequence:	LLQQTEDQIP SNLEGPVFVNLPPLLQEDYL LSLGEEEGIS DLFDAYDLEK
Specificity:	The immunizing peptide used to raise this antibody is 100 % homologous to isoform 2 (334aa, 37 kDa) of human E2F3.
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 92%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against E2F3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	E2F3
Abstract:	<a href="#">E2F3 Products</a>
Background:	<p>E2F3 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 evolutionally conserved domains found 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 and another 2 members, E2F1 and E2F2, have an additional cyclin binding domain. E2F3 binds specifically to retinoblastoma protein pRB in a cell-cycle dependent manner.</p> <p>Alias Symbols: E2F-3</p> <p>Protein Interaction Partner: RB1, TRIM28, TFDP1, HDAC1, SRA1, RBL1, FZR1, ELAVL1, PCNA, MCM4, HELLS, CCNB1, BCL6, ATAD2, HCFC1, USF1, KMT2D, RYBP, TFDP2, YY1, TFE3, SP1, CCNA2, CDK3, RNF144A, FHL2, WNK1, MGA, TEAD3, SPIB, PKIB, MYBL2, CREBBP, EAPP, JMY, PPP1R13B, TP53BP2, TP53INP1, B</p> <p>Protein Size: 465</p>
Molecular Weight:	49 kDa
Gene ID:	1871
NCBI Accession:	<a href="#">NM_001243076</a>
UniProt:	<a href="#">Q68DT0</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 334 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific

## Handling

Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:	<p>Povlsen, Løfgren, Dalgas, Birkler, Johannsen, Støttrup, Bøtker: "Protection against myocardial ischemia-reperfusion injury at onset of type 2 diabetes in Zucker diabetic fatty rats is associated with altered glucose oxidation." in: <b>PLoS ONE</b>, Vol. 8, Issue 5, pp. e64093, (2013) (<a href="#">PubMed</a>).</p> <p>Tsai, Hong, Liou, Liao: "Association study of GOT2 genetic polymorphisms and schizophrenia." in: <b>Psychiatric genetics</b>, Vol. 17, Issue 5, pp. 314, (2007) (<a href="#">PubMed</a>).</p>
-------------------	--

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-E2F3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Thymus



**Western Blotting**

**Image 2.** Host: Mouse Target Name: E2F3 Sample Tissue: Mouse Small Intestine Antibody Dilution: 1ug/ml

**Western Blotting**

**Image 3.** Host: Rabbit Target Name: E2F3 Sample Tissue: Human Lung Tumor Antibody Dilution: 1ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2780388.