

Datasheet for ABIN6242297  
**anti-E2F8 antibody (AA 835-865)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	E2F8
Binding Specificity:	AA 835-865
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F8 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This E2F8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 835-865 amino acids from human E2F8.
Clone:	RB54144
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	E2F8
Alternative Name:	E2F8 ( <a href="#">E2F8 Products</a> )

## Target Details

**Background:** Atypical E2F transcription factor that participates in various processes such as angiogenesis and polyploidization of specialized cells. Mainly acts as a transcription repressor that binds DNA independently of DP proteins and specifically recognizes the E2 recognition site 5'-TTTC[CG]CGC-3'. Directly represses transcription of classical E2F transcription factors such as E2F1: component of a feedback loop in S phase by repressing the expression of E2F1, thereby preventing p53/TP53-dependent apoptosis. Plays a key role in polyploidization of cells in placenta and liver by regulating the endocycle, probably by repressing genes promoting cytokinesis and antagonizing action of classical E2F proteins (E2F1, E2F2 and/or E2F3). Required for placental development by promoting polyploidization of trophoblast giant cells. Acts as a promoter of sprouting angiogenesis, possibly by acting as a transcription activator: associates with HIF1A, recognizes and binds the VEGFA promoter, which is different from canonical E2 recognition site, and activates expression of the VEGFA gene.

**Molecular Weight:** 94166

**UniProt:** [A0AVK6](#)

## Application Details

**Application Notes:** WB: 1:2000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

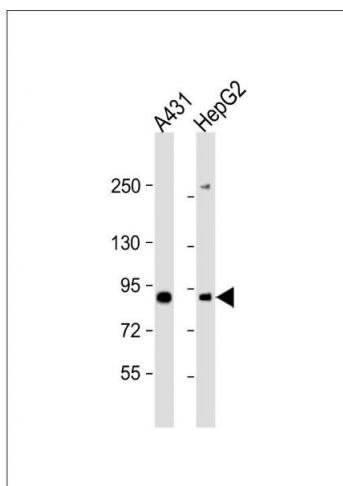
**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

**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:** 4 °C, -20 °C

**Expiry Date:** 6 months



#### Western Blotting

**Image 1.** All lanes : Anti-E2F8 Antibody (C-Term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 94 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.