

## Datasheet for ABIN7113688

### **anti-E2F8 antibody**



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#### Overview

Quantity:	100 µg
Target:	E2F8
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E2F8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

#### Product Details

Immunogen:	E2F transcription factor 8
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

#### Target Details

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

## Target Details

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: 82 kDa, 105 kDa

Gene ID: 79733

UniProt: [A0AVK6](#)

## Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months