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E2F8 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12829

Product Information

Application	WB
Primary Accession	A0AVK6
Other Accession	NM_024680, NP_078956
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94166

Additional Information

Gene ID	79733
Alias Symbol	FLJ23311, E2F-8
Other Names	Transcription factor E2F8, E2F-8, E2F8
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-E2F8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	E2F8 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	E2F8
Function	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

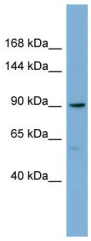
a promoter of sprouting angiogenesis, possibly by acting as a transcription activator: associates with HIF1A, recognizes and binds the VEGFA promoter, which is different from canonical E2 recognition site, and activates expression of the VEGFA gene.

Cellular Location Nucleus.

References

Zalmas,L.P.,(2008)EMBORep.9(3),252-259ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week. Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-E2F8 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: COLO205 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.