10320 Camino Santa Fe, Suite G
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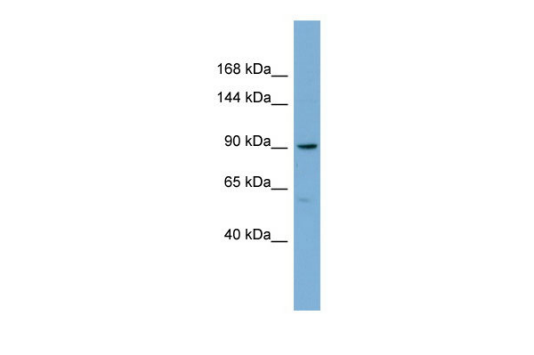
E2F8 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI12829

Specification

E2F8 antibody - middle region - Product Information

Application	**WB**
Primary Accession	A0AVK6
Other Accession	NM_024680, NP_078956
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**94kDa KDa**



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

E2F8 antibody - middle region - 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.

E2F8 antibody - middle region - Protein

E2F8 antibody - middle region - References

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

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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.

E2F8 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture