

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

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 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

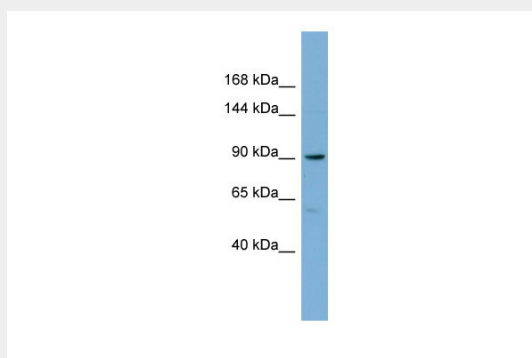
Nucleus.

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 Cytometry](#)
- [Cell Culture](#)

E2F8 antibody - middle region - Images



WB Suggested Anti-E2F8 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: COLO205 cell lysate

E2F8 antibody - middle region - References

Zalmas, L.P., (2008) EMBORep. 9(3), 252-259 Reconstitution and Storage: 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.