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E2F4 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51173

Product Information

Application	WB, IHC-P
Primary Accession	Q16254
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43960

Additional Information

Gene ID	1874
Other Names	Transcription factor E2F4, E2F-4, E2F4
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	E2F4
Function	Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F4 binds with high affinity to RBL1 and RBL2. In some instances can also bind RB1. Specifically required for multiciliate cell differentiation: together with MCIDAS and E2F5, binds and activate genes required for centriole biogenesis.
Cellular Location	Nucleus.
Tissue Location	Found in all tissue examined including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

Background

Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site,

5'-TTTC[CG]CGC- 3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F4 binds with high affinity to RBL1 and RBL2. In some instances can also bind RB1.

References

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