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E2F2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51172

Product Information

Application	WB, IP, IHC-P
Primary Accession	Q14209
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47506

Additional Information

Gene ID	1870
Other Names	Transcription factor E2F2, E2F-2, E2F2
Dilution	WB~~1:1000 IP~~N/A 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	E2F2
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. E2F2 binds specifically to RB1 in a cell-cycle dependent manner.
Cellular Location	Nucleus.
Tissue Location	Highest level of expression is found in placenta, low levels are found in lung. Found as well in many immortalized cell lines derived from tumor samples

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. E2F2 binds specifically to RB1 in a cell-cycle dependent manner.

References

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Rubin S.M.,et al.Cell 123:1093-1106(2005).
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.