

E2F4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51173**Specification**

E2F4 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	O16254
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44 KDa

E2F4 Antibody - Additional Information**Gene ID** 1874**Other Names**

Transcription factor E2F4, E2F-4, E2F4

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

E2F4 Antibody - 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

E2F4 Antibody - 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](#)

E2F4 Antibody - Images

E2F4 Antibody - Background

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E2F4 Antibody - References

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Beijersbergen R.L., et al. Genes Dev. 8:2680-2690(1994).
Sardet C., et al. Proc. Natl. Acad. Sci. U.S.A. 92:2403-2407(1995).
Schwemmle S., et al. Int. J. Cancer 86:672-677(2000).
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