

# KD-Validated Anti-E2F Transcription Factor 4 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1884

## Product Information

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| <b>Application</b>       | WB, FC                                                                                                                                       |
| <b>Primary Accession</b> | <a href="#">Q16254</a>                                                                                                                       |
| <b>Reactivity</b>        | Human                                                                                                                                        |
| <b>Clonality</b>         | Monoclonal                                                                                                                                   |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                                   |
| <b>Clone Names</b>       | 24GB5375                                                                                                                                     |
| <b>Calculated MW</b>     | 43960                                                                                                                                        |
| <b>Gene Name</b>         | E2F4                                                                                                                                         |
| <b>Aliases</b>           | E2F4; E2F Transcription Factor 4; E2F-4; E2F Transcription Factor 4, P107/P130-Binding; Transcription Factor E2F4; P107/P130-Binding Protein |
| <b>Immunogen</b>         | A synthesized peptide derived from human E2F4                                                                                                |

## Additional Information

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| <b>Gene ID</b>     | 1874                                   |
| <b>Other Names</b> | Transcription factor E2F4, E2F-4, E2F4 |

## Protein Information

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| <b>Name</b>              | E2F4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | Nucleus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tissue Location</b>   | Found in all tissue examined including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.