



E2F7 Polyclonal Antibody

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| Catalog No | BYab-06545 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB;ELISA |
| Gene Name | E2F7 |
| Protein Name | Transcription factor E2F7 (E2F-7) |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 560-640 |
| Specificity | E2F7 Polyclonal Antibody detects endogenous levels of protein. |
| Formulation | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | 100kD |
| Cell Pathway | Nucleus . |
| Tissue Specificity | |
| Function | domain:Both DNA-binding domains are required for DNA-binding and are proposed to form an intramolecular structure that is similar to the winged helix structure of the E2F-DP heterodimer.,function:Along with E2F8, inhibitor of E2F-dependent transcription that is important for the control of the E2F1-TP53 apoptotic pathway. Directly represses E2F1 transcription (By similarity). Binds DNA independently of DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3'. Appears to regulate a subset of E2F-dependent genes whose products are required for normal cell cycle progression.,similarity:Belongs to the E2F/DP family.,subunit:Forms homodimers and, to a lesser extent, heterodimers with E2F8. Dimerization is important for DNA binding., |

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| Background | E2F transcription factors, such as E2F7, play an essential role in the regulation of cell cycle progression (Di Stefano et al., 2003 [PubMed 14633988]).[supplied by OMIM, May 2008], |
| matters needing attention | Avoid repeated freezing and thawing! |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

Products Images