

CAB19038

Product Information

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| Product SKU: | CAB19038 | Gene ID: | 595 | Size: | 20uL, 100uL |
| Clone No: | ARC0300 | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

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| Observed MW: | 34kDa | Conjugate: | Unconjugated |
| Calculated MW: | 34kDa | Isotype: | IgG |

Immunogen Information

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| Background: | The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and overexpression of this gene, which alters cell cycle progression, are observed frequently in a variety of human cancers. |
| Recommended Dilution: | WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200 |
| Synonyms: | BCL1; PRAD1; U21B31; D11S287E; D1 |
| Purification Method: | Affinity purification |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 196-295 of human Cyclin D1 (P24385). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3. |