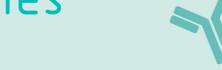
antibodies - online.com





Datasheet for ABIN6138092

anti-Cyclin E2 antibody (AA 255-404)



Publication



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| Quantity: | 100 μL | | |
|----------------------|------------------------------------------------------------------------------------------|--|--|
| Target: | Cyclin E2 (CCNE2) | | |
| Binding Specificity: | AA 255-404 | | |
| Reactivity: | Human | | |
| Host: | Rabbit | | |
| Clonality: | Polyclonal | | |
| Conjugate: | This Cyclin E2 antibody is un-conjugated | | |
| Application: | Western Blotting (WB), Immunofluorescence (IF) | | |
| Product Details | | | |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 255-404 of | | |
| | human Cyclin E2 (NP_477097.1). | | |
| Sequence: | ALKDAPKVLL PQYSQETFIQ IAQLLDLCIL AIDSLEFQYR ILTAAALCHF TSIEVVKKAS | | |
| | GLEWDSISEC VDWMVPFVNV VKSTSPVKLK TFKKIPMEDR HNIQTHTNYL AMLEEVNYIN | | |
| | TFRKGGQLSP VCNGGIMTPP KSTEKPPGKH | | |
| Isotype: | IgG | | |
| Cross-Reactivity: | Human | | |
| Characteristics: | Polyclonal Antibodies | | |
| Purification: | Affinity purification | | |

Target Details

| Target: | Cyclin E2 (CCNE2) |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | CCNE2 (CCNE2 Products) |
| 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 through 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 CDK2. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distinct from that of cyclin E1. A significantly increased expression level of this gene was observed in tumor-derived cells.,CCNE2,CYCE2,cyclin E2,Epigenetics & Nuclear Signaling,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Centrosome,Cyclins,G1/S Checkpoint,Hedgehog Signaling Pathway,CCNE2 |
| Molecular Weight: | 41 kDa/46 kDa |
| Gene ID: | 9134 |
| UniProt: | 096020 |
| Pathways: Application Details | Cell Division Cycle, Mitotic G1-G1/S Phases |
| Application Notes: | WB,1:500 - 1:2000,IF,1:50 - 1:200 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

Publications

Product cited in:

Wan, Sun, Wu, Yu, Wang, Lin, Li, Wu, Sun: "Chi3l3: a potential key orchestrator of eosinophil recruitment in meningitis induced by Angiostrongylus cantonensis." in: **Journal of neuroinflammation**, Vol. 15, Issue 1, pp. 31, (2018) (PubMed).

Jiang, He, Zhu, Liang, Wang, Lu, Ren, Yi, Xiao, Wang: "Endoplasmic reticulum stress-dependent ROS production mediates synovial myofibroblastic differentiation in the immobilization-induced rat knee joint contracture model." in: **Experimental cell research**, Vol. 369, Issue 2, pp. 325-334, (2018) (PubMed).