

Product Datasheet

Cyclin A1/A2 Antibody

Catalog No: CY5838

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC IP



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Information

UniProt ID: P20248/P78396

All Names: CCN1; CCNA; CCNA1; CCNA2; CT146; Cyclin-A; Cyclin-A1; Cyclin-A2;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 52,49 kDa

Application

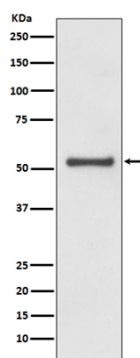
WB 1:500~1:1000

IHC 1:100~1:500

IP 1:50

Background

Cyclin A1: Function: May be involved in the control of the cell cycle at the G1/S (start) and G2/M (mitosis) transitions. May primarily function in the control of the germline meiotic cell cycle and additionally in the control of mitotic cell cycle in some somatic cells. Tissue specificity: Very high levels in testis and very low levels in brain. Also found in myeloid Leukemia cell lines. Similarity: Belongs to the cyclin family. Cyclin AB subfamily. Developmental stage: Expression increases in early G1 phase and reaches highest levels during the S and G2/M phases. **Cyclin A2:** Function: Essential for the control of the cell cycle at the G1/S (start) and the G2/M (mitosis) transitions. Similarity: Belongs to the cyclin family. Cyclin AB subfamily. Developmental stage: Accumulates steadily during G2 and is abruptly destroyed at mitosis.



Western blot analysis of Cyclin A1/A2 expression in HeLa cell lysate.

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