

Product Datasheet

Cyclin A1 Antibody (XLA1-3) - Azide and BSA Free NBP3-08766

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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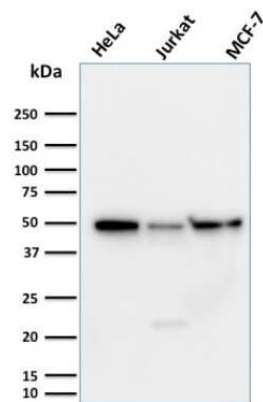
NBP3-08766

Cyclin A1 Antibody (XLA1-3) - Azide and BSA Free

| Product Information | |
|------------------------------------|---|
| Unit Size | 100 ug |
| Concentration | 1 mg/ml |
| Storage | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | XLA1-3 |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS |
| Target Molecular Weight | 65 kDa |
| Product Description | |
| Description | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07743). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Mouse |
| Gene ID | 8900 |
| Gene Symbol | CCNA1 |
| Species | Xenopus |
| Specificity/Sensitivity | The critical role that the family of regulatory proteins known as cyclins play in eukaryotic cell cycle regulation is well established. The best-characterized cyclin complex is the mitotic cyclin B/Cdc2 p34 kinase, the active component of maturing promoting factor. Cyclin A accumulates prior to cyclin B in the cell cycle, appears to be involved in control of S phase and has been shown to associate with cyclin-dependent kinase-2 (Cdk2). In addition, cyclin A has been implicated in cell transformation and is found in complexes with E1A, transcription factors DRTF1 and E2F, and retinoblastoma protein p110. A second form of cyclin A, named cyclin A1 because of its high sequence homology to Xenopus cyclin A1, is most highly expressed in germ cells. It has been proposed that cyclin A1 can associate with Cdk2, p39 and Cdc2 p34. The antibody detects Xenopus cyclin A in blots. Cyclin A1 is the embryonic cyclin which is present in Xenopus eggs. This monoclonal antibody only detects Xenopus Cyclin A1. |
| Immunogen | Recombinant full-length Xenopus laevis Cyclin A1 protein (Uniprot: P18606) |
| Product Application Details | |
| Applications | Western Blot |
| Recommended Dilutions | Western Blot 1-2 ug/ml |
| Application Notes | Optimal dilution for a specific application should be determined. |

Images

Western Blot: Cyclin A1 Antibody (XLA1-3) - Azide and BSA Free [NBP3-08766] - Western Blot Analysis of (1) HeLa (2) Jurkat and (3) MCF-7 cell lysates using Cyclin A1 Mouse Monoclonal Antibody (XLA1-3).





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Products Related to NBP3-08766

| | |
|--------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) |
| H00008900-P01-10ug | Recombinant Human Cyclin A1 GST (N-Term) Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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