

Product Datasheet

CDK4 Antibody - BSA Free

NBP2-32288-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/23/2025 v.20.1

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NBP2-32288-100ul

CDK4 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	34 kDa

Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	1019
Gene Symbol	CDK4
Species	Human
Immunogen	Synthetic peptide within the following C-term region: PRPVQSVVPEMEESGAQLLLEMLTFNPHKRISAFRALQHSYLHKDEGNPE The peptide sequence for this immunogen was taken from within the described region.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 4-8 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin 4-8 ug/ml

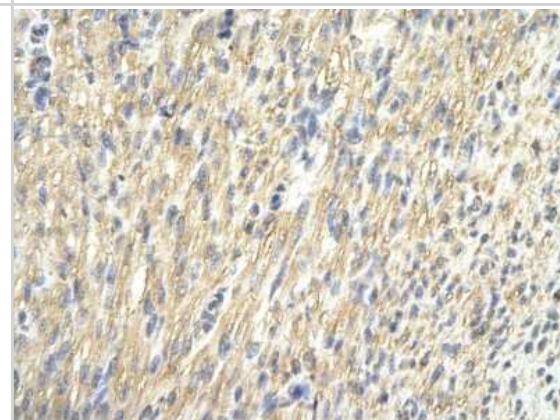


Images

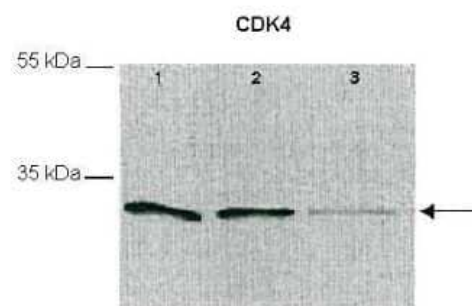
Western Blot: CDK4 Antibody [NBP2-32288] - Recommended Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell



Immunohistochemistry: CDK4 Antibody [NBP2-32288] - Paraffin Embedded Tissue: Human Heart cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0 - 8.0 ug/ml Magnification: 400X

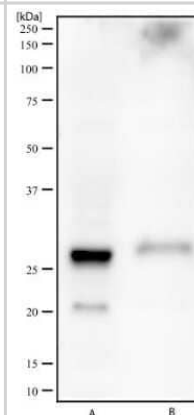


Western Blot: CDK4 Antibody [NBP2-32288] - Lanes: 1. 30 ug human HCT116 cell lysate 2. 30 ug genotoxic treated human HCT116 cell lysate 3. 30 ug genotoxic treated human HCT116 cell lysate Primary, Antibody Dilution: 1 : 2000 Secondary Antibody: Anti-rabbit HRP Secondary, Antibody Dilution: 1 : 5000 Gene name: CDK4.



See Immunoblot 2 Data and Customer Feedback for more information

Western Blot: CDK4 Antibody [NBP2-32288] - Western blot analysis of HeLa (A) and K562 (B) cell lysate using Cdk4 antibody (NBP2-32288) at 2ug/ml.



Publications

Jeon DG, Koh JS, Cho WH et al. Clinical outcome of low-grade central osteosarcoma and role of CDK4 and MDM2 immunohistochemistry as a diagnostic adjunct J Orthop Sci 2015-03-05 [PMID: 25740728] (IHC-P, Human)

Details:

CDK4 antibody used for IHC-P staining on samples from human low-grade central osteosarcoma /LCOS patients. IHC-P assay involved - endogenous peroxidase blocking with 3% H₂O₂ for 15 minutes, 20 minutes of antigen retrieval at 98C using 0.01 M citric acid pH 6.0 buffer, use of CDK4 antibody at 1:500 dilution with 1 hour RT incubation, DAB based kit detection system (Fig 2c).





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Products Related to NBP2-32288-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-22974	Recombinant Human CDK4 His 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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