

# Product Datasheet

## Cdk6 Antibody - BSA Free NBP1-87262

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 3

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Updated 2/21/2025 v.20.1

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**NBP1-87262**

Cdk6 Antibody - BSA Free

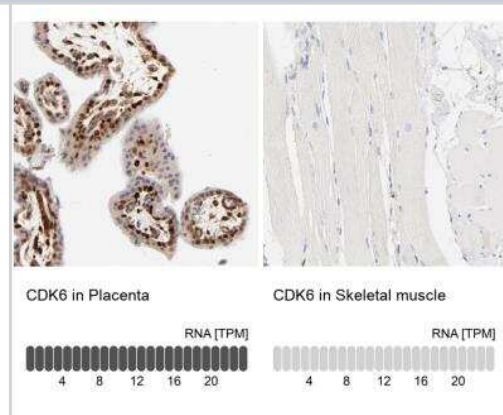
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	1021
Gene Symbol	CDK6
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FRGSSDVDQLGKILDVIGLPGEEDWPRDVALPRQAFHKSQAQPIEKFVTDIDEL GKDLLLKCLTFNPAKRISAYSALSHPYFQDLERCKENLDShLPPSQNTSELN

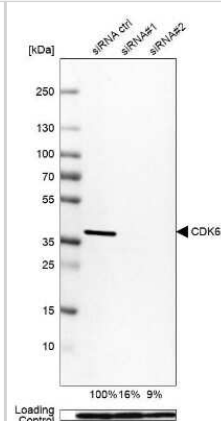
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

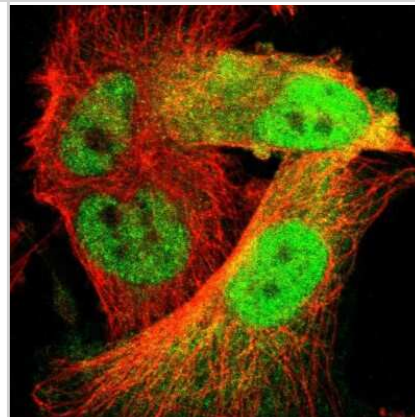
Immunohistochemistry-Paraffin: Cdk6 Antibody [NBP1-87262] - Analysis in human placenta and skeletal muscle tissues. Corresponding CDK6 RNA-seq data are presented for the same tissues.



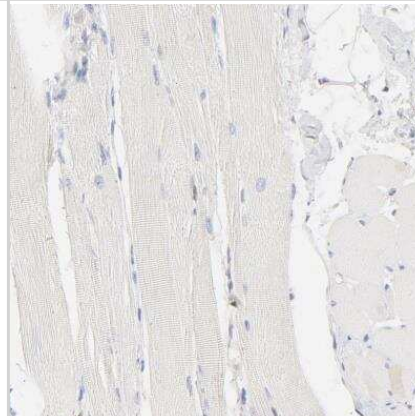
Western Blot: Cdk6 Antibody [NBP1-87262] - Analysis in Rh30 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-PPIB.



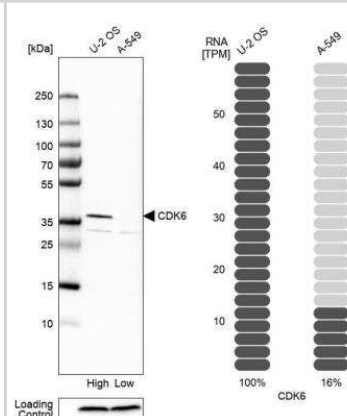
Immunocytochemistry/Immunofluorescence: Cdk6 Antibody [NBP1-87262] - Staining of human cell line U-251 MG shows localization to nucleoplasm and cytosol. Antibody staining is shown in green.



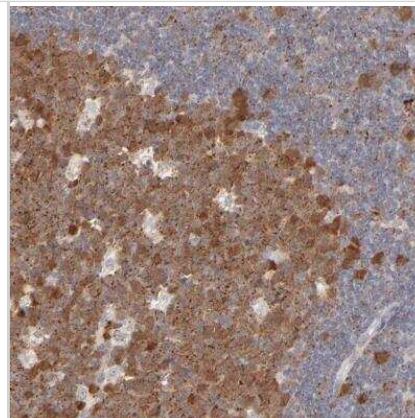
Immunohistochemistry-Paraffin: Cdk6 Antibody [NBP1-87262] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Western Blot: Cdk6 Antibody [NBP1-87262] - Analysis in human cell lines U2OS and A-549. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-COX4I1.



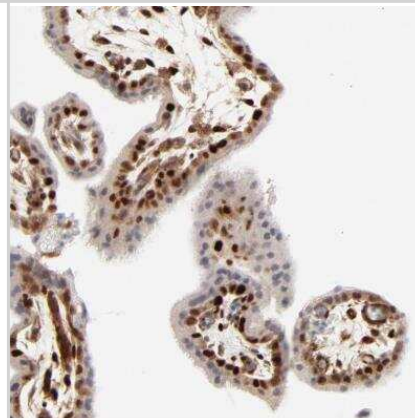
Immunohistochemistry-Paraffin: Cdk6 Antibody [NBP1-87262] - Staining of human lymph node shows moderate to strong cytoplasmic positivity in germinal center cells.



Immunohistochemistry-Paraffin: Cdk6 Antibody [NBP1-87262] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts. ✖



Immunohistochemistry-Paraffin: Cdk6 Antibody [NBP1-87262] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



## Publications

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

### Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).

Liang R, Arif T, Kalmykova S et al. Restraining Lysosomal Activity Preserves Hematopoietic Stem Cell Quiescence and Potency Cell Stem Cell 2020-03-05 [PMID: 32109377]

Ahonen M, Haridas P, Mysore R et al. miR-107 inhibits CDK6 expression, differentiation, and lipid storage in human adipocytes. Mol. Cell. Endocrinol. 2018-09-24 [PMID: 30261211] (WB, Human)



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### **Products Related to NBP1-87262**

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NBP1-87262PEP	Cdk6 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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