

Product Datasheet

CDK4 Antibody (6N3M6)

NBP3-15344-100ul

Unit Size: 100 ul

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

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NBP3-15344-100ul

CDK4 Antibody (6N3M6)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6N3M6
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

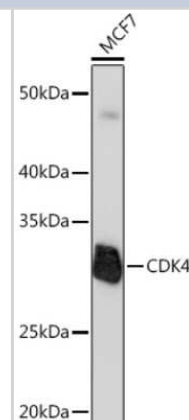
Description	Novus Biologicals Rabbit CDK4 Antibody (6N3M6) (NBP3-15344) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1019
Gene Symbol	CDK4
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 204-303 of human CDK4 (NP_000066.1). FAEMFRRKPLFCGNSEADQLGKIFDLIGLPPEDDWPRDVSLPRGAFFPPRGPRP VQSVVPEMEESGAQLLLEMLTFNPHKRISAFRALQHSYLHKDEGNPE

Product Application Details

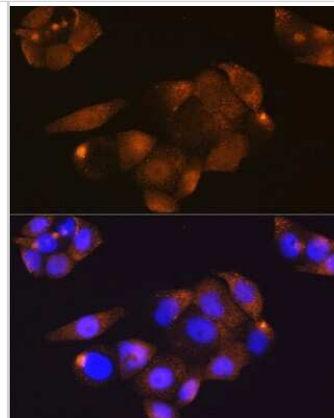
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:100 - 1:500, Immunohistochemistry-Paraffin 1:100 - 1:500

Images

Western Blot: CDK4 Antibody (3G7Q7) [NBP3-15344] - Western blot analysis of extracts of MCF7 cells, using CDK4 Rabbit mAb (NBP3-15344) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



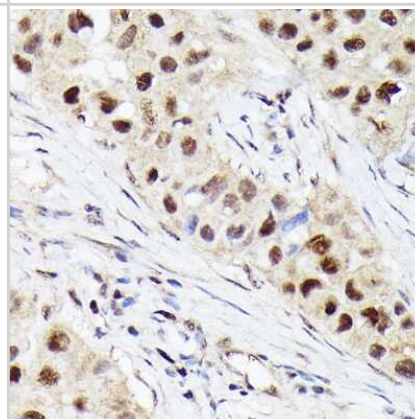
Immunocytochemistry/Immunofluorescence: CDK4 Antibody (3G7Q7) [NBP3-15344] - Immunofluorescence analysis of HeLa cells using CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



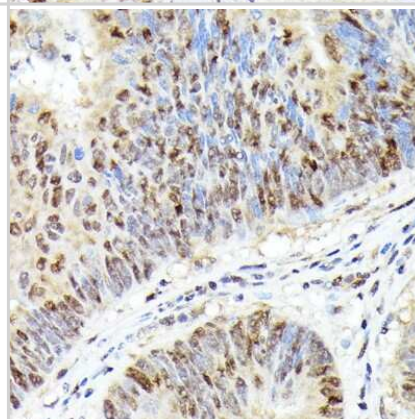
Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344] - Immunohistochemistry of paraffin-embedded rat ovary using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



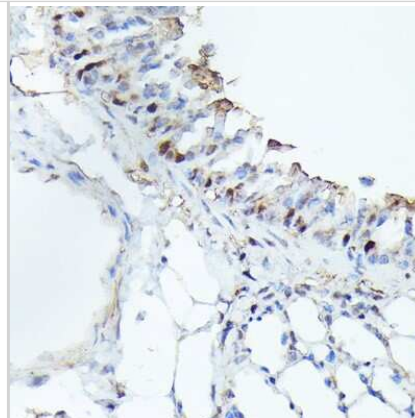
Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344] - Immunohistochemistry of paraffin-embedded human breast cancer using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



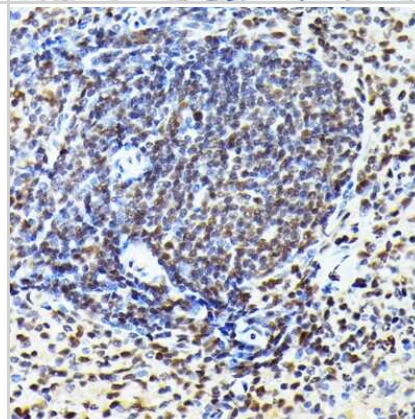
Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344] - Immunohistochemistry of paraffin-embedded human colon carcinoma using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



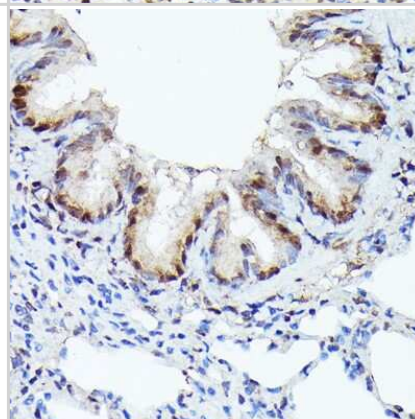
Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344]
 - Immunohistochemistry of paraffin-embedded mouse lung using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344]
 - Immunohistochemistry of paraffin-embedded mouse spleen using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: CDK4 Antibody (3G7Q7) [NBP3-15344]
 - Immunohistochemistry of paraffin-embedded rat lung using [KO Validated] CDK4 Rabbit mAb (NBP3-15344) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blot: CDK4 Antibody (6N3M6) [CDK4] - Western blot analysis of various lysates, using CDK4 Rabbit mAb at 1:1000 dilution.

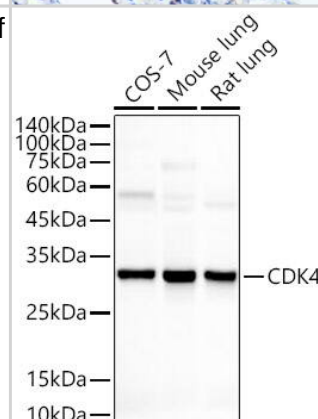
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

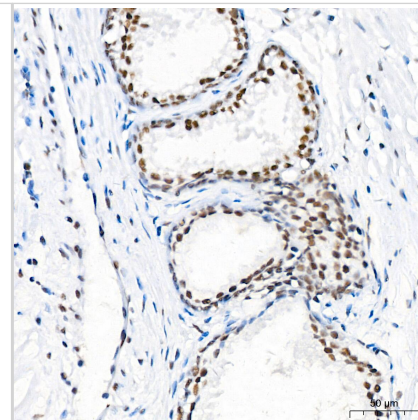
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

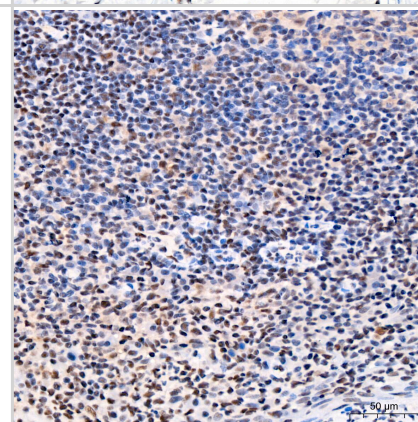
Exposure time: 10s.



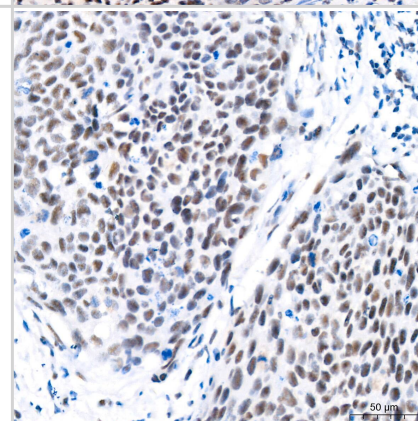
Immunohistochemistry: CDK4 Antibody (6N3M6) [CDK4] -
Immunohistochemistry analysis of paraffin-embedded Human prostate
tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of 1:500 (40x
lens). High pressure antigen retrieval performed with 0.01M Citrate
Bufferr (pH 6.0) prior to IHC staining.



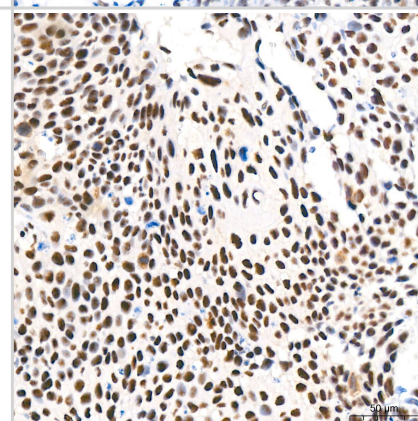
Immunohistochemistry: CDK4 Antibody (6N3M6) [NBP3-15344] -
Immunohistochemistry analysis of paraffin-embedded Human tonsil
tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of 1:500 (40x
lens). High pressure antigen retrieval performed with 0.01M Citrate
Bufferr (pH 6.0) prior to IHC staining.



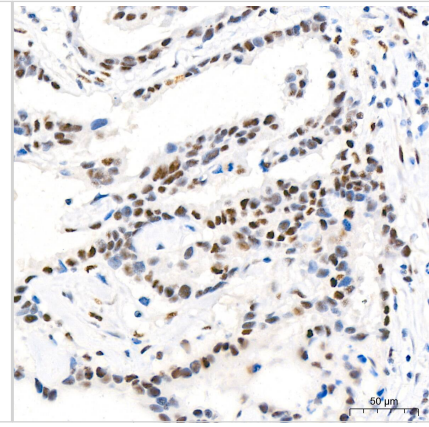
Immunohistochemistry: CDK4 Antibody (6N3M6) [NBP3-15344] -
Immunohistochemistry analysis of paraffin-embedded Human cervix
cancer tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of
1:500 (40x lens). High pressure antigen retrieval performed with 0.01M
Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: CDK4 Antibody (6N3M6) [NBP3-15344] -
Immunohistochemistry analysis of paraffin-embedded Human cervix
cancer tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of
1:500 (40x lens). High pressure antigen retrieval performed with 0.01M
Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: CDK4 Antibody (6N3M6) [NBP3-15344] - Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using [KO Validated] CDK4 Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





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Products Related to NBP3-15344-100ul

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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