
CDK6 Rabbit pAb

Catalog Number: bs-0568R

Target Protein: CDK6

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1ug/test)

Reactivity: Human, Mouse, Rat (predicted: Cow, Dog, Horse)

Predicted MW: 37 kDa

Entrez Gene: 1021

Swiss Prot: Q00534

Source: KLH conjugated synthetic peptide derived from human CDK6: 21-110/326.

Purification: affinity purified by Protein A

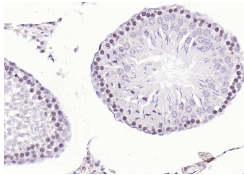
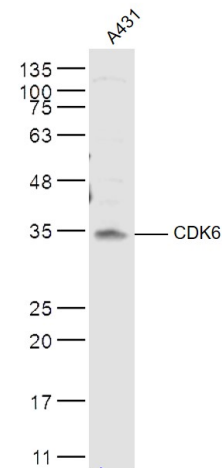
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

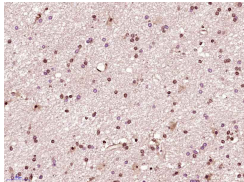
Background: The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This kinase is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression and G1/S transition. The activity of this kinase first appears in mid-G1 phase, which is controlled by the regulatory subunits including D-type cyclins and members of INK4 family of CDK inhibitors.

VALIDATION IMAGES

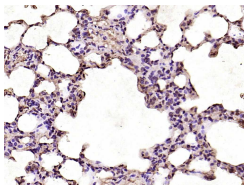
Sample: A431(Human) Cell Lysate at 30 ug Primary: Anti-CDK6 (bs-0568R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kD Observed band size: 35 kD



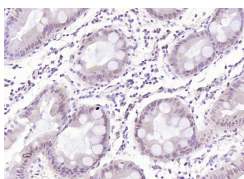
Paraformaldehyde-fixed, paraffin embedded (rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CDK6) Polyclonal Antibody, Unconjugated (bs-0568R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



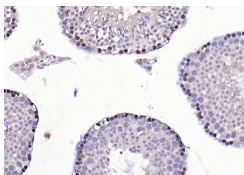
Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CDK6) Polyclonal Antibody, Unconjugated (bs-0568R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat lung); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CDK6) Polyclonal Antibody, Unconjugated (bs-0568R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CDK6) Polyclonal Antibody, Unconjugated (bs-0568R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CDK6) Polyclonal Antibody, Unconjugated (bs-0568R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=10.75] Tian Xiangdong. et al. Autophagy Inhibition Contributes to Apoptosis of PLK4 Downregulation-induced Dormant Cells in Colorectal Cancer. INT J BIOL SCI. 2023 May;19(9):2817-2834 WB ; Human . 37324947

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- [IF=5.168] He, Xiaoqin, et al. "Long non-coding RNA AK058003, as a precursor of miR-15a, interacts with HuR to inhibit the expression of Y-synuclein in hepatocellular carcinoma cells." *Oncotarget* 8.6 (2017): 9451. WB ; ="Human" . 28035067
- [IF=3.9] Zhang, Haifeng, et al. "The ClC-3 chloride channel protein is a downstream target of cyclin D1 in nasopharyngeal carcinoma cells." *The international journal of biochemistry & cell biology* 45.3 (2013): 672-683. Other ; =" " . 23270726
- [IF=3.74] Hu, Zheng, et al. "5-Aminolevulinic acid-mediated sonodynamic therapy induces anti-tumor effects in malignant melanoma via p53-miR-34a-Sirt1 axis." *Journal of dermatological science* 79.2 (2015): 155-162. WB ; ="Mouse" . 25982144
- [IF=2.84] Yang, Ning, et al. "SOX 1, contrary to SOX 2, suppresses proliferation, migration, and invasion in human laryngeal squamous cell carcinoma by inhibiting the Wnt/ β -catenin pathway." *Tumor Biology* (2015): 1-11. WB ; ="Human" . 26040764