

CDK7 (L325) polyclonal antibody

Catalog: BS1459

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Cdk7 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. Cdk7 forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk activating kinase (CAK). It is an essential component of the transcription factor TFIIF, that is involved in transcription initiation and DNA repair. This protein is thought to serve as a direct link between the regulation of transcription and the cell cycle.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 39 kDa

Swiss-Prot:

P50613

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

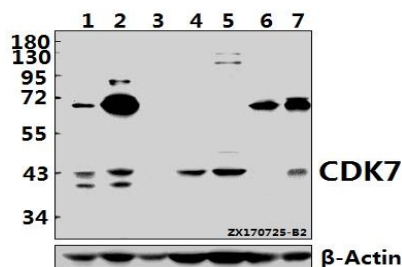
Storage&Stability:

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

Specificity:

CDK7 (L325) polyclonal antibody detects endogenous levels of CDK7 protein.

DATA:



Western blot (WB) analysis of CDK7 (L325) pAb at 1:500 dilution

Lane1:HeLa whole cell lysate(40ug)

Lane2:C6 whole cell lysate(40ug)

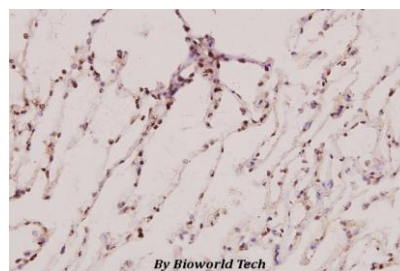
Lane3:K562 whole cell lysate(40ug)

Lane4:A549 whole cell lysate(40ug)

Lane5:PC3 whole cell lysate(40ug)

Lane6:CT26 whole cell lysate(40ug)

Lane7:3T3-L1 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of CDK7 (L325) pAb in paraffin-embedded human lung carcinoma tissue at 1:100.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151