CDK7 (Phospho-T170) polyclonal antibody

Catalog: BS64520 Host: Rabbit Reactivity: Human,Mouse

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 TFIIH, 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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 40 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

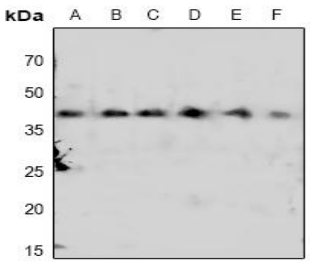
Storage&Stability:

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

Specificity:

CDK7 (Phospho-T170) polyclonal antibody detects endogenous levels of CDK7 protein only when phosphorylated at Thr170.

DATA:



Western blot (WB) analysis of CDK7 (Phospho-T170) polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:HEK293T whole cell lysate

LaneC:A549 whole cell lysate

LaneD:MCF-7 whole cell lysate

LaneE:Raw264.7 whole cell lysate

LaneF:The Spleen tissue lysate of Mouse

Note:

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

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