
CDK7 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251214

Unit: 0.1 mg

Description:

Cyclin-dependent kinase 7 (Cdk7) is the catalytic subunit of the CDK-activating kinase (CAK) complex, a serine-threonine kinase. Cdk7 activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. Cdk7 complexed to the core-TFIH basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminus domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, B, D, Hs

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CDK7; Cyclin-dependent kinase 7; Cell division protein kinase 7; CDK-activating kinase; CAK; CAK1; TFIH basal transcription factor complex kinase subunit; 39 kDa protein kinase; P39 Mo15; STK1; MO15

Accession No.: P50613

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human protein CDK7.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.