
CDK8 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251215

Unit: 0.1 mg

Description:

Cyclin-dependent kinase 8 (CDK8) is a component of the Mediator complex, a coactivator involved in regulated gene transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. CDK8 phosphorylates the CTD (C-terminal domain) of the large subunit of RNA polymerase II (RNAP II), which may inhibit the formation of a transcription initiation complex.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H, M, R

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: CDK8; Cyclin-dependent kinase 8; Cell division protein kinase 8; Mediator of RNA polymerase II transcription subunit CDK8; Mediator complex subunit CDK8; Protein kinase K35

Accession No.: P49336

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CDK8.

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.