



Datasheet for ABIN6242788
anti-CDK8 antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	CDK8
Binding Specificity:	AA 424-458, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Cdk8 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 424-458 amino acids from the C-terminal region of Mouse Cdk8.
Clone:	RB51053
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CDK8
Alternative Name:	Cdk8 (CDK8 Products)
Background:	Component of the Mediator complex, a coactivator involved in regulated gene transcription of

Target Details

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. 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. Phosphorylates CCNH leading to down-regulation of the TFIID complex and transcriptional repression. Recruited through interaction with MAML1 to hyperphosphorylate the intracellular domain of NOTCH, leading to its degradation (By similarity).

Molecular Weight: 53210

UniProt: [Q8R3L8](#)

Pathways: [Cell Division Cycle, Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

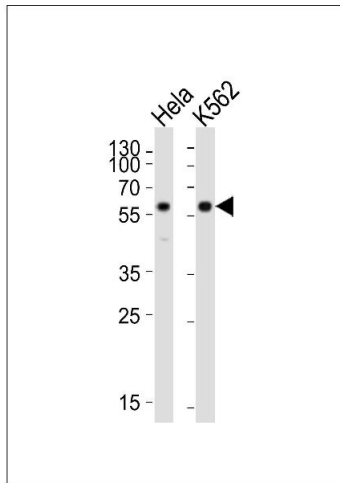
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysates from HeLa, K562 cell line (from left to right), using Cdk8 Antibody (C-term) (ABIN6242788 and ABIN6577886). (ABIN6242788 and ABIN6577886) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.