

Product Name: CDK9 Rabbit Monoclonal Antibody
Catalog #: AMRe02940



Summary

Production Name	CDK9 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	CDK9
Alternative Names	TAK; C-2k; CTK1; CDC2L4; PITALRE
Gene ID	1025
SwissProt ID	P50750

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 43 kDa; Observed MW: 43 kDa

Background

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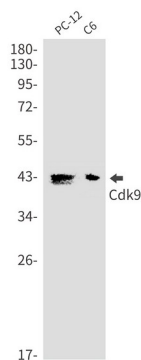


Cyclin dependent kinases (CDKs) are activated in part by cyclin binding and by phosphorylation of a conserved threonine in the T-loop domain. Member of the cyclin-dependent kinase pair (CDK9/cyclin-T) complex, also called positive transcription elongation factor b (P-TEFb), which facilitates the transition from abortive to production elongation by phosphorylating the CTD (C-terminal domain) of the large subunit of RNA polymerase II (RNAP II), SUPT5H and RDBP.

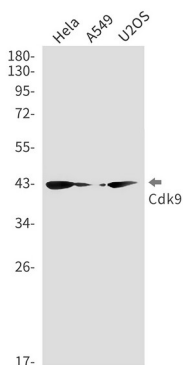
Research Area

Cell Biology

Image Data



Western blot analysis of Cdk9 in C6, PC-12 lysates using CDK9 antibody.



Western blot analysis of Cdk9 in HeLa, A549, U2OS lysates using Cdk9 antibody.

Note

For research use only.