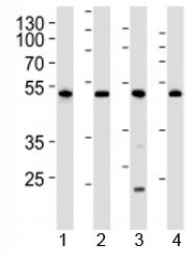
Cdk9 Antibody (F44552)

Catalog No.	Formulation	Size
F44552-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44552-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q99J95
Applications	Western blot: 1:1000
Limitations	This Cdk9 antibody is available for research use only.



Western blot analysis of lysate from 1) human 293, 2) mouse NIH3T3, 3) rat C6 cell line and 4) mouse kidney tissue lysate using Cdk9 antibody at 1:1000. Predicted molecular weight ~43 kDa.

Description

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. The CDK9/cyclin-K complex has also a kinase activity toward CTD of RNAP II and can substitute for P-TEFb in vitro (By similarity).

Application Notes

Titration of the Cdk9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 251-278 from the mouse protein was used as the immunogen for this Cdk9 antibody.

Storage

Aliquot the Cdk9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.