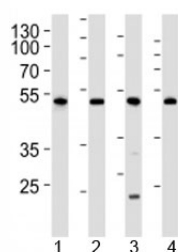


Cdk9 Antibody (F44552)

| 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 |
| 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.