

Datasheet for ABIN925994
anti-CDK9 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	CDK9
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Chicken, Zebrafish (Danio rerio), Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CDK9 antibody was raised in rabbit using the N terminal of CDK9 as the immunogen
Cross-Reactivity:	Dog (Canine), Mouse (Murine), Rat (Rattus), Chicken, Zebrafish (Brachydanio rerio), Cow (Bovine), Pig (Porcine), Frog

Target Details

Target:	CDK9
Alternative Name:	CDK9 (CDK9 Products)
Background:	CDK9 is the 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 of the large subunit of RNA polymerase II (RNAP II), SUPT5H and RDBP. The CDK9/cyclin-K complex has also a kinase activity toward

Target Details

CTD of RNAP II and can substitute for P-TEFb in vitro. Synonyms: Polyclonal CDK9 antibody, Anti-CDK9 antibody, cyclin-dependent kinase 9, CDC2-related kinase antibody, RP11-228B15.5 antibody, C-2k antibody, CDC2L4 antibody, PITALRE antibody, TAK antibody.

Pathways: [Cell Division Cycle](#)

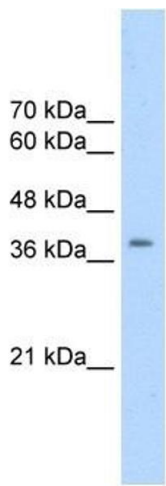
Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	CDK9 Blocking Peptide, catalog no. 33R-7070, is also available for use as a blocking control in assays to test for specificity of this CDK9 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. CDK9 antibody (20R-1293) used at 0.2-1 ug/ml to detect target protein.