Datasheet for ABIN6391359

anti-CDK9 antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	CDK9
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CDK9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CDK9
Sequence:	KGSQITQQST NQSRN
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	CDK9

Target Details

Alternative Name:	CDK9 (CDK9 Products)
Background:	CDK9, cyclin-dependent kinase 9, C-2k, CDC2L4, CTK1, PITALRE, TAK, CDC2-related kinase, cell division cycle 2-like protein kinase 4, cell division protein kinase 9, serine/threonine protein kinase PITALRE, tat-associated kinase complex catalytic subunit
Gene ID:	1025, 107951, 362110
NCBI Accession:	NP_001252
Pathways:	Cell Division Cycle

Application Details

Application Notes:	Western Blot: Approx 40-45 kDa band observed in nuclear cell lysates of NIH3T3 (calculated MW of 42.8 kDa according to Mouse NP_570930.1). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Western Blotting

Image 1. ABIN6391359 (0.5µg/ml) staining of NIH3T3 nuclear lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

