

Datasheet for ABIN1531647
anti-CDK9 antibody (pThr186)



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1 Image

Overview

Quantity:	100 µL
Target:	CDK9
Binding Specificity:	AA 152-201, pThr186
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CDK9 around the phosphorylation site of Thr186.
Isotype:	IgG
Specificity:	CDK9 (Phospho-Thr186) Antibody detects endogenous levels of CDK9 only when phosphorylated at Thr186. PhosphorylationH:T186 M:T186 R:T186
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

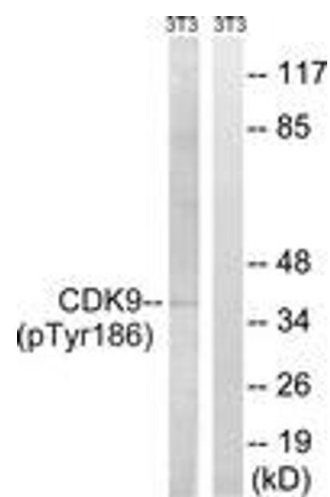
Target:	CDK9
Alternative Name:	CDK9 (CDK9 Products)
Background:	Synonyms: C-2K, PITALRE, kinase Cdk9 NCBI Gene Symbol: CDK9
Molecular Weight:	42 kDa
Gene ID:	1025
OMIM:	603251
UniProt:	P50750
Pathways:	Cell Division Cycle

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:5000
Comment:	Unigene-Number: Hs.150423, Hs.706809 (NCBI Gene Symbol: CDK9)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3 cells treated with Forskolin 40nM 30', using CDK9 (Phospho-Thr186) Antibody. The lane on the right is treated with the synthesized peptide.