

CDK9 Polyclonal Antibody

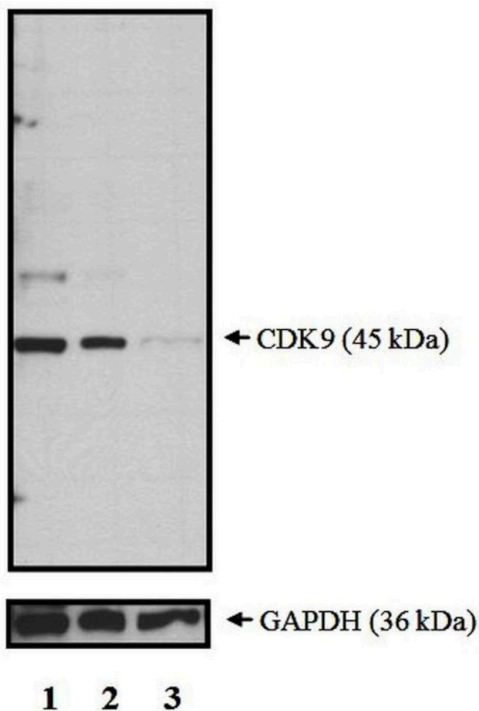
Product Details	
Size	50 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Multiple synthetic peptides corresponding to the C-terminal and N-terminal domains of human CDK9
Form	Liquid
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_1956780

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:1,000	-
ELISA (ELISA)	1:10,000-1:50,000	-
Immunoprecipitation (IP)	Assay-dependent	-

Product Specific Information

This antibody does not cross react with other cyclin-dependent kinases. Store as a concentrated solution. Centrifuge briefly prior to opening vial.

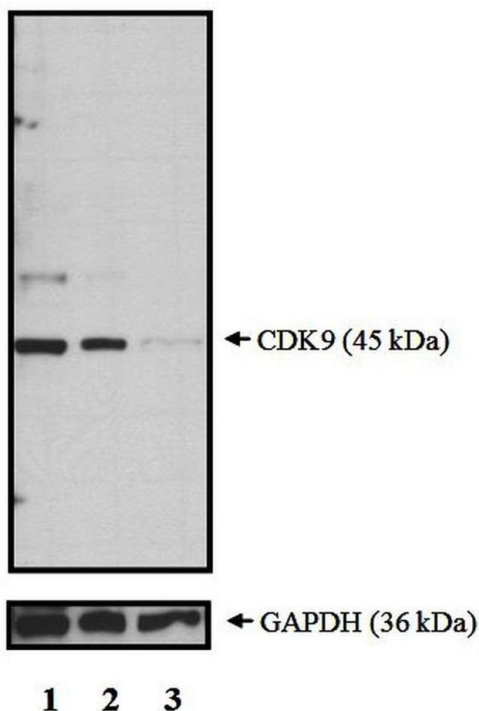
Advanced Verification Data



CDK9 Antibody (PA1-29427)

The specificity of anti-CDK9 Rabbit monoclonal antibody (Product # PA1-29427) was demonstrated by siRNA knockdown. Western blot analysis of A549 cell extracts using this antibody showed decreased level of CDK9 protein expression in cells transfected with CDK9 specific siRNA (lane 3) but not in controls (lane 1 and 2). Knockdown validation info.

Product Images For CDK9 Polyclonal Antibody



CDK9 Antibody (PA1-29427) in WB

Western blot analysis of CDK9 was performed with 10 µg of A549 cells transfected with Transfection Reagent alone (Lane 1), 100nM Non-Targeting control siRNA (Lane 2), or 100nM siRNA against CDK9 (Lane 3). Proteins were resolved using a NuPAGE® Novex 4-12% Bis-Tris Gel (Product # NP0322BOX), XCell SureLock™ Electrophoresis System (Product # EI0002), and a protein size ladder. Proteins were wet transferred to a Pierce Nitrocellulose Membrane (Product # 88025) OR Pierce PVDF Membrane (Product # 88518) and blocked with Pierce Starting Block T20 (PBS) Blocking Buffer (Product # 37539) for 1 hour at room temperature. CDK9 was detected at ~ 45 kDa using CDK9 Rabbit monoclonal antibody (Product # PA1-29427) diluted in Pierce Starting Block T20 (PBS) Blocking Buffer 4°C overnight on a rocking platform. Pierce Goat Anti-Rabbit (Product # 31461) HRP-Conjugated Antibodies at a 1:2500 dilution were used and chemiluminescent detection was performed using Pierce Supersignal West Dura Maximum Sensitivity Substrate (Product # 37071). Relative density of the bands normalized to GAPDH (36 kDa). CDK9 Antibody (Product # PA1-29427) confirms silencing of CDK9 expression.

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