PKA (CT) polyclonal antibody

PKA (Protein Kinase A), also known as cAMP-dependent protein kinase, phosphorylates serine or threonine residues in target protein in response to elevated levels of cAMP. Inactive PKA exists as a tetrameric protein composed of two regulatory (R) subunits and two catalytic (C) subunits. Activation occurs when two cAMP molecules bind to each R subunit which causes a conformational change that releases the active C subunits.

This antibody is covered by our Worry-Free Guarantee.

Citations: 4 View Online »

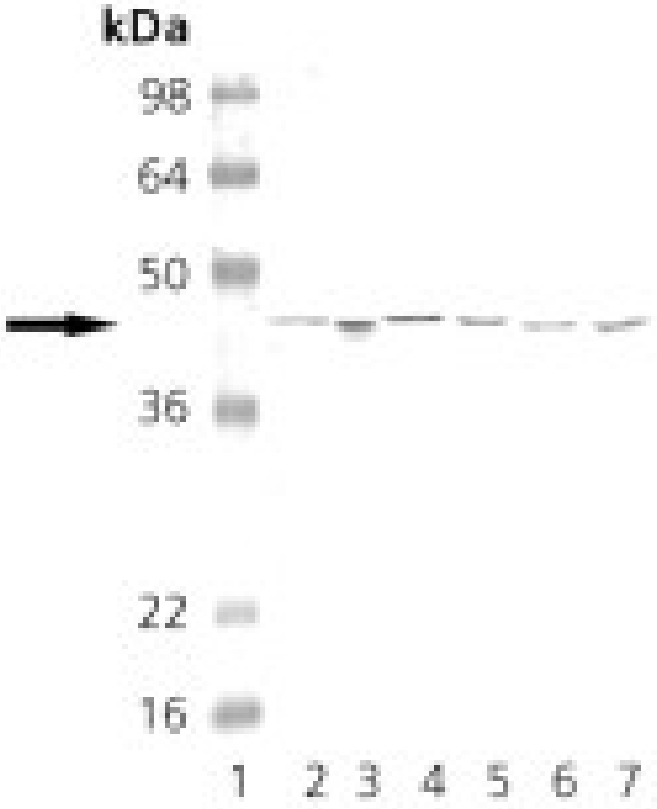
Ordering Information

Order Online »

ADI-KAS-PK017-D	50µg
ADI-KAS-PK017-F	200µg

Manuals, SDS & CofA

View Online »



Western blot analysis of PKA: Lane 1: MW marker, Lane 2: CHO-K1, Lane 3: Mouse Brain, Lane 4: Rat Brain, Lane 5: HeLa, Lane 6: 3T3, Lane 7: PC-12.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Protein Kinase A
Application	WB
Application Notes	Detects a band of ~40kDa by Western blot.
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of human PKA.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:1,000, colorimetric)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Dog, Guinea pig, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep, Xenopus
UniProt ID	P17612 (Cα subunit), P22694 (Cβ subunit), P22162 (Cγ subunit), P10644 (RIα subunit), P31321 (RIβ subunit), P13861 (RIIα subunit), P31323 (RIIβ subunit)
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

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