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# Datasheet for ABIN7439666 anti-PKIA antibody (AA 13-71)

Image



#### Overview

Quantity:	100 µL
Target:	ΡΚΙΑ
Binding Specificity:	AA 13-71
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKIA antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Polyclonal Antibody to Protein Kinase Inhibitor Alpha (PKIa)
Immunogen:	Recombinant Protein Kinase Inhibitor Alpha (PKIa) corresdonding to Ala13~Ala71 (Accession # P61925)
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PKIa. It has been selected for its ability to recognize PKIa in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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### Target Details

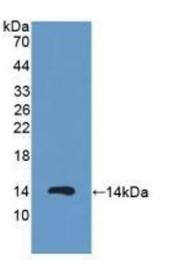
Target:	ΡΚΙΑ
Alternative Name:	Protein Kinase Inhibitor Alpha (PKIA Products)
Background:	PKI-A, PRKACN1, CAMP-Dependent Protein Kinase Inhibitor Alpha, cAMP-dependent protein kinase inhibitor, muscle/brain isoform
Pathways:	Myometrial Relaxation and Contraction

# Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at $37^{\circ}$ C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Western Blotting

**Image 1.** Detection of Recombinant PKIa, Human using Polyclonal Antibody to Protein Kinase Inhibitor Alpha (PKIa)

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