

Datasheet for ABIN2787417  
**anti-PRKAR1A antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	PRKAR1A
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Guinea Pig, Sheep, Rabbit, Dog, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRKAR1A antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Rat Prkar1a
Sequence:	REYFERLEKE EARQIQSLQK SGIRTSRED EISPPPPNPV VKGRRRRGAI
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Sheep: 86%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against Prkar1a. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	PRKAR1A
Alternative Name:	Prkar1a ( <a href="#">PRKAR1A Products</a> )

## Target Details

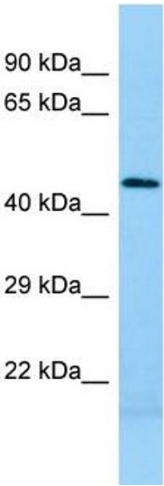
Background:	Prkar1a is a regulatory subunit of cAMP-dependent protein kinase (PKA), negatively regulates meiosis . Alias Symbols: RIIA Protein Size: 381
Molecular Weight:	41 kDa
Gene ID:	25725
NCBI Accession:	<a href="#">NM_013181</a> , <a href="#">NP_037313</a>
UniProt:	<a href="#">P09456</a>
Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 381 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1.** WB Suggested Anti-Prkar1a Antibody Titration: 1.0 ug/ml Positive Control: Rat Spleen