

## Datasheet: AHP315

<b>Description:</b>	RABBIT ANTI Cdk9
<b>Specificity:</b>	Cdk9
<b>Other names:</b>	PITALRE
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			1/200 - 1/1000
ELISA	▪			1/10,000 - 1/50,000
Immunoprecipitation	▪			
Western Blotting	▪			1/500 - 1/3000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Serum - liquid

### Antiserum Preparation

Antisera to human Cdk9 were raised by repeated immunisations of rabbits with highly purified peptide antigen. Whole serum is supplied delipidated.

### Buffer Solution

Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.01% Sodium Azide (NaN <sub>3</sub> )
<b>Immunogen</b>	Multiple synthetic peptides corresponding to the C-terminal and N-terminal domains of human CDK9
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P50750</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">1025</a>    CDK9    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	CDC2L4
<b>RRID</b>	AB_2229201
<b>Specificity</b>	<b>Rabbit anti Human Cdk9 antibody</b> recognizes a ~43 kDa member of the cyclin-dependent protein kinase (CDK) family, CDK9, previously named PITALRE. CDK9 is located primarily in the nucleus but unlike most cdc2-like kinases it does not appear to be cell cycle-regulated. Rabbit anti Human Cdk9 antibody does not cross react with other cyclin dependent kinases.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Graña X <i>et al.</i> (1994) PITALRE, a nuclear CDC2-related protein kinase that phosphorylates the retinoblastoma protein <i>in vitro</i>. <a href="#">Proc Natl Acad Sci U S A. 91 (9): 3834-8.</a></li> <li>2. Mayol, X. <i>et al.</i> (1993) Cloning of a new member of the retinoblastoma gene family (pRb2) which binds to the E1A transforming domain. <a href="#">Oncogene. 8 (9): 2561-6.</a></li> <li>3. de Falco, G. &amp; Giordano, A. (1998) CDK9 (PITALRE): a multifunctional cdc2-related kinase. <a href="#">J Cell Physiol. 177 (4): 501-6.</a></li> </ol>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

## Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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