

Datasheet: AHP3032

Description:	RABBIT ANTI HUMAN CDK8
Specificity:	CDK8
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/1500
Chromatin Immunoprecipitation	▪			10 µl per ChIP

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

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

Purified IgG - liquid

Antiserum Preparation

Antiserum to human CDK8 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.035% Sodium Azide (NaN₃)
30% Glycerol

Carrier Free	Yes
Immunogen	A peptide within the C-terminal region of human CDK8
External Database Links	<p>UniProt: P49336 Related reagents</p> <p>Entrez Gene: 1024 CDK8 Related reagents</p>
Specificity	<p>Rabbit anti Human CDK8 antibody recognizes cell division protein kinase 8, also known as cell division protein kinase 8 or mediator complex subunit CDK8.</p> <p>CDK8 is a 53 kDa is a member of the cyclin-dependent protein kinase (CDK) family involved in transcriptional regulation <i>via</i> interaction with the mediator complex (Tassan et al. 1995). CDK8 regulates the activity of several transcription factors <i>via</i> its kinase activity, including STAT1 (Bancerek et al. 2013). CDK8 is also able to inhibit transcriptional activation by influencing the turnover of subunits in the mediator complex tail module and mediating the binding of RNA polymerase II to the mediator complex (Tsai et al. 2013). Expression of CDK8 may contribute to the development of a number of different types of cancer (Firestein et al. 2008, Donner et al. 2007).</p>
Storage	<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. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP3032 10049
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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