

Datasheet: AHP1245

Description:	RABBIT ANTI CYCLIN E
Specificity:	CYCLIN E
Other names:	CCNE1
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/2000
Immunoprecipitation	▪			1/100
Western Blotting	▪			1/2000 - 1/10 000
Functional Assays			▪	

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	<p>Reacts with: Mouse, Rat</p> <p>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.</p>
Product Form	Serum - liquid
Antiserum Preparation	Antisera to cyclin E were raised by repeated immunisations of rabbits with highly purified antigen.

Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Immunogen	Synthetic peptide corresponding to a region near the C-terminus of human Cyclin E conjugated to KLH.
External Database Links	<p>UniProt: P24864 Related reagents</p> <p>Entrez Gene: 898 CCNE1 Related reagents</p>
Synonyms	CCNE
RRID	AB_2228590
Specificity	<p>Rabbit anti Human Cyclin E antibody detects cyclin E, a nuclear protein which is the regulatory subunit of cyclin dependent kinase 2 (Cdk2), and controls S phase entry in cells. Cyclin E follows a cyclic pattern of expression during the cell cycle, with highest expression at the G1-S boundary.</p> <p>Although cyclin E has an important physiological role in normal cell division, recent reports suggest this function is redundant, and its key functions occur as cells exit quiescence, and in endoreduplication.</p> <p>Cyclin E is tightly regulated during normal cell cycles, but is often deregulated in carcinomas, lymphoma, and leukaemia.</p>
Western Blotting	AHP1245 detects a band of approximately 45kDa in from human, rat and mouse tissue.
Further Reading	<ol style="list-style-type: none"> Hwang, H.C. & Clurman, B.E. (2005) Cyclin E in normal and neoplastic cell cycles. Oncogene. 24 (17): 2776-86. Zhang, H. (2007) Life without kinase: cyclin E promotes DNA replication licensing and beyond. Mol Cell. 25 (2): 175-6.
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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10081 available at: 10081: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
Regulatory	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 \(STAR209P\)](#)

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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
'M390756:211001'

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