

## Datasheet: AHP796

<b>Description:</b>	GOAT ANTI HUMAN CASEIN KINASE 1 DELTA (C-TERMINAL)
<b>Specificity:</b>	CASEIN KINASE 1 DELTA (C-TERMINAL)
<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)	▪			1/200
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting	▪			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.**

<b>Target Species</b>	Human
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<b>Product Form</b>	Serum - liquid
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**Antiserum Preparation** Antisera to human casein kinase 1 delta were raised by repeated immunisations of goats with highly purified antigen.

<b>Preservative Stabilisers</b>	0.1% Sodium Azide
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<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 310-327 of human casein kinase 1 delta
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**External Database  
Links**

**UniProt:**

[P48730](#)    [Related reagents](#)

**Entrez Gene:**

[1453](#) CSNK1D    [Related reagents](#)

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**RRID**                      AB\_323929

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**Specificity**              **Goat anti Human casein kinase 1 delta antibody** recognizes human casein kinase 1 delta, also known as protein kinase CK1 delta or Tau-protein kinase CSNK1D.

Casein kinase 1 delta is a 415 amino acid ~47 kDa member of the casein kinase 1 family of protein kinases common to all eukaryotic cells, although tissue distribution and subcellular localization may vary between isoforms. Casein kinase 1 delta has been implicated in the regulation of p53 ([Venerando \*et al.\* 2010](#)). Upregulation of casein kinase 1 delta expression has been reported in Alzheimer's disease hippocampus and its association with tau-containing bodies suggests that it may play a role in the abnormal phosphorylation of tau ([Li \*et al.\* 2005](#)).

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**References**                      1. Babiker, A.A. *et al.* (2006) Overexpression of ecto-protein kinases in prostasomes of metastatic cell origin. [Prostate. 66 \(7\): 675-86.](#)

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**Storage**                      Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**                      18 months from date of despatch.

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**Health And Safety  
Information**                      Material Safety Datasheet documentation #10342 available at:  
10342: <https://www.bio-rad-antibodies.com/uploads/MSDS/10342.pdf>

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**Regulatory**                      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**North & South**    Tel: +1 800 265 7376

**America**                      Fax: +1 919 878 3751

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   Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

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Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

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