

Datasheet: VPA00638

**BATCH NUMBER 161116**

<b>Description:</b>	RABBIT ANTI CK1
<b>Specificity:</b>	CK1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

**The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range.** Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide 2% Sucrose
<b>Immunogen</b>	Synthetic peptide encompassing part of the C terminal region of human CK1
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P48729</a> <a href="#">Related reagents</a>

**Entrez Gene:**

[1452](#) CSNK1A1 [Related reagents](#)

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**Specificity** **Rabbit anti Human CK1 antibody** recognizes casein kinase I isoform alpha, also known as CK1, CKI-alpha, casein kinase I isoform alpha, clock regulator kinase, down-regulated in lung cancer or epididymis secretory sperm binding protein Li 77p.

Casein kinases, such as CK1, are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. Encoded by the CSNK1A1 gene, CK1 can phosphorylate a variety of proteins, such as TUT1 and CTNNB1; it also participates in Wnt signaling. Interacts with the Axin complex.

Rabbit anti Human CK1 antibody detects a band of 34 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Rabbit anti CK1 detects a band of approximately 34 kDa in Jurkat cell lysates

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee** 12 months from date of despatch

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**Acknowledgements** PrecisionAb is a trademark of Bio-Rad Laboratories

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**Health And Safety Information** Material Safety Datasheet documentation #10045 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00638>  
Antibody (10045)

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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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://www.bio-rad-antibodies.com/datasheets)

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