

Datasheet: VPA00638

Description:	RABBIT ANTI CK1
Specificity:	CK1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

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

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.

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

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

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

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

Regulatory For research purposes only

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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