

Datasheet: VPA00451

BATCH NUMBER 160712

Description:	RABBIT ANTI CDK5
Specificity:	CDK5
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

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.

Preparation

Rabbit polyclonal antibody prepared by affinity chromatography on Protein A.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
2% Sucrose.

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Synthetic peptide directed towards the N terminal region of human CDK5
External Database Links	<p>UniProt: Q00535 Related reagents</p> <p>Entrez Gene: 1020 CDK5 Related reagents</p>
Specificity	<p>Rabbit anti Human CDK5 antibody recognizes cyclin-dependent kinase 5 (CDK5), also known as Tau protein kinase II catalytic subunit, cyclin-dependent-like kinase 5, protein kinase CDK5 splicing or serine/threonine-protein kinase PSSALRE. Mutations in the Cdk5 gene are a cause of lissencephaly 7, with cerebellar hypoplasia (LIS7), a condition characterized by agyria or pachygyria with disruption of cortical lamination (Magen et al. 2015).</p> <p>Rabbit anti Human CDK5 antibody detects a band of 30 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti CDK5 detects a band of approximately 30 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: https://www.bio-rad-antibodies.com/SDS/VPA00451 Antibody (10045)
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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Printed on 13 Aug 2023

