

Datasheet: VPA00451

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.
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 (NaN ₃) 2% Sucrose.
Immunogen	Synthetic peptide directed towards the N terminal region of human CDK5
External Database Links	UniProt: Q00535 Related reagents Entrez Gene: 1020 CDK5 Related reagents

Specificity **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](#)).

Rabbit anti Human CDK5 antibody detects a band of 30 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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: 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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