

Datasheet: VPA00485

Description:	RABBIT ANTI AURORA-B KINASE
Specificity:	AURORA-B KINASE
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 Ig fraction prepared by ammonium sulphate precipitation.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml.

Immunogen	KLH conjugated synthetic peptide corresponding to amino acid 283-313 of human aurora-B kinase
External Database Links	<p>UniProt: Q96GD4 Related reagents</p> <p>Entrez Gene: 9212 AURKB Related reagents</p>
Synonyms	AIK2, AIM1, ARK2, STK12
Specificity	<p>Rabbit anti Human aurora-B kinase antibody recognizes aurora B-kinase, also known as ARK-2, STK-1, aurora 1, aurora kinase B-Sv1, aurora kinase B-Sv2, aurora- and Ipl1-like midbody-associated protein 1, aurora-related kinase 2, aurora/IPL1-related kinase 2, serine/threonine-protein kinase 12 or serine/threonine-protein kinase B.</p> <p>Encoded by the AURKB gene, aurora-B kinase is a member of the aurora kinase subfamily of serine/threonine kinases. The genes encoding the other two members of this subfamily are located on chromosomes 19 and 20. These kinases participate in the regulation of segregation of chromosomes during mitosis and meiosis through association with microtubules. A pseudogene of AURKB is located on chromosome 8. Multiple transcript variants encoding different isoforms have been found for AURKB (provided by RefSeq, Jan 2013).</p> <p>Rabbit anti Human aurora-B kinase antibody detects a band of 48 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti aurora-B kinase detects a band of approximately 48 kDa in HEK293 cell lysates.
Storage	<p>This product is shipped at ambient temperature.</p> <p>Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p>
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00485</p> <p>Antibody (10040)</p>
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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