Datasheet: VPA00851

BATCH NUMBER 170725

Description:	RABBIT ANTI AURORA-A KINASE
Specificity:	AURORA-A 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 polyclonal antibody purified by affinity chromatography on Protein A

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide
1% Bovine Serum Albumin

Immunogen	Recombinant aurora-A kinase protein (amino acids 55-250)
External Database Links	**UniProt:**
	O14965 Related reagents
	Entrez Gene:
	6790 AURKA Related reagents
Synonyms	AIK, ARK1, AURA, BTAK, STK15, STK6
Specificity	**Rabbit anti Human aurora-A kinase antibody** recognizes the aurora-A kinase, also known as ARK-1, IPL1-related kinase, aurora 2 and serine/threonine-protein kinase aurora-A.
	The protein encoded by AURKA is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. AURKA may play a role in tumor development and progression. A processed pseudogene of AURKA has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for AURKA (provided by RefSeq, Jul 2008).
	Rabbit anti Human aurora-A kinase antibody detects a band of 48 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti aurora-A kinase antibody recognizes a band of approximately 48 kDa in NIH/3T3 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 #10041 available at: https://www.bio-rad-antibodies.com/SDS/VPA00851 Antibody (10041)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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