

Datasheet: VPA00327

BATCH NUMBER 160309

Description:	RABBIT ANTI PI-4 KINASE 2A
Specificity:	PI-4 KINASE 2A
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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
1% Bovine Serum Albumin

Immunogen KLH-conjugated synthetic peptide corresponding to aa 387-415 of human PI-4 kinase 2A

External Database

Links

UniProt:

[Q9BTU6](#) [Related reagents](#)

Entrez Gene:

[55361](#) PI4K2A [Related reagents](#)

Specificity

Rabbit anti Human PI-4 kinase 2A antibody recognizes PI-4 kinase 2A, also known as phosphatidylinositol 4-kinase type II (PI4KII), phosphatidylinositol 4-kinase type 2A and phosphatidylinositol 4-kinase type II-alpha.

Phosphatidylinositolpolyphosphates (PtdInsPs) are centrally involved in many biologic processes, ranging from cell growth and organization of the actin cytoskeleton to endo- and exocytosis. PI-4 Kinase 2A phosphorylates PtdIns at the D-4 position, an essential step in the biosynthesis of PtdInsPs (Barylko *et al.* 2001 PubMed 11244087, OMIM, Mar 2008).

Rabbit anti Human PI-4 kinase 2A antibody detects a band of 54 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti PI-4 kinase 2A detects a band of approximately 54 kDa in Jurkat cell lysate

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/VPA00327>
Antibody (10041)

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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