

Datasheet: VPA00194

BATCH NUMBER 030615

Description:	GOAT ANTI PPP2R1A
Specificity:	PPP2R1A
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, Rat

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

Goat polyclonal antibody purified by affinity chromatography

Buffer Solution

Tris buffered saline

Preservative Stabilisers

0.02% Sodium Azide (NaN₃)
0.5% Bovine Serum Albumin

Immunogen Peptide with sequence C-KYFAQEALTVLSLA

External Database

Links

UniProt:

[P30153](#) [Related reagents](#)

Entrez Gene:

[5518](#) PPP2R1A [Related reagents](#)

Specificity

Goat anti Human PPP2R1A antibody recognizes PPP2R1A, also known as PP2A subunit A isoform PR65-alpha, PP2A subunit A isoform R1-alpha, medium tumor antigen-associated 61 kDa protein, protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform, serine/threonine protein phosphatase 2A, 65 kDa regulatory subunit A, alpha isoform and serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform.

The PPP2R1A gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. PPP2R1A encodes an alpha isoform of the constant regulatory subunit A. Alternatively spliced transcript variants have been described (provided by RefSeq, Apr 2010).

Goat anti Human PPP2R1A antibody detects a band of 60 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti PPP2R1A detects a band of approximately 60 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 #10058 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00194>
Antibody (10058)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

North & South Tel: +1 800 265 7376

Worldwide Tel: +44 (0)1865 852 700

Europe Tel: +49 (0) 89 8090 95 21

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

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

'M370562:200529'

Printed on 13 Aug 2023

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)