

Datasheet: VPA00019

Description:	GOAT ANTI FYN
Specificity:	FYN
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 ammonium sulfate precipitation followed by antigen affinity chromatography.

Buffer Solution

TRIS buffered saline.

Preservative Stabilisers

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

Immunogen

Peptide sequence C-VQCKDKEATKLTE from the N-terminal region of FYN

External Database**Links****UniProt:**[P06241](#)[Related reagents](#)**Entrez Gene:**[2534](#)

FYN

[Related reagents](#)

Specificity

Goat anti Human FYN antibody recognizes an epitope within the N-terminal (NT) region of proto-oncogene Tyrosine-protein kinase Fyn encoded by the FYN gene, also known as proto-oncogene Syb or c-Fyn. Human c-Fyn is a 537 amino acid, ~60 kDa, cell membrane non-receptor protein tyrosine kinase and member of the Tyr protein kinase family, SRC subfamily. Fyn contains single [protein kinase](#), [SH2](#) and [SH3](#) domains and shares strong similarities with mouse FYN, v-yes and c-src.

c-Fyn plays roles in many biological processes including cell growth ([Yasunaga et al. 1996](#)), adhesion ([Chapman et al. 2012](#)), re-modelling ([Wang et al. 2012](#)), motility ([Yadav et al. 2011](#)) and the immune response ([Oykhman et al. 2013](#)).

The immunogen sequence used for the generation of this Goat anti c-Fyn polyclonal antibody is well conserved across a very wide range of mammalian species and the polyclonal anti c-Fyn antibody is expected to have a wide species pattern of reactivity.

Goat anti Human FYN antibody recognizes human FYN as a single band of ~60 kDa in multiple human cell line lysates by western blotting under reducing conditions. It also cross-reacts with rodent cell line lysates tested.

Western Blotting

Anti FYN antibody detects a band of approximately 60 kDa in HepG2 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/VPA00019>
Antibody (10058)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [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

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M421439:230706'

Printed on 13 Aug 2023

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