

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
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 (NaN ₃) 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.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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