

Datasheet: VPA00047

Description:	GOAT ANTI PAI-1
Specificity:	PAI-1
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
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Immunogen	Peptide with sequence C-GFKIDDKGMAPALRH, corresponding to the internal region of PAI-1.
External Database Links	UniProt: P05121 Related reagents Entrez Gene: 5054 SERPINE1 Related reagents
Synonyms	PAI1, PLANH1
Specificity	Goat anti Human PAI-1 antibody recognizes human plasminogen activator inhibitor 1 (PAI-1), also known as Serpin E1. PAI-1 is a 402 amino acid serine protease inhibitor and the principle inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA)

PAI-1 is present in plasma, platelets and endothelial cells, is expressed at increased levels in various disease states ([Kruithof et al. 1988](#)), and has been linked to an increased occurrence of thrombosis in obesity and coronary artery disease ([Oseroff et al. 1989](#)). Defects in PAI-1 are characterized by abnormal bleeding ([Takahashi et al. 1996](#)).

Goat anti Human PAI-1 antibody recognizes PAI-1 as a single band of 43 kDa in a range of human cell lysates.

Western Blotting	Goat anti PAI-1 detects a band of approximately 43 kDa in MCF7 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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Printed on 01 May 2018