

Datasheet: VPA00110

Description:	GOAT ANTI NADPH OXIDASE 1
Specificity:	NADPH OXIDASE 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 % BSA
Immunogen	Peptide with the sequence C-DKATDIVTGLKQK, from the internal region of the protein sequence.
External Database Links	UniProt: Q9Y5S8 Related reagents Entrez Gene: 27035 NOX1 Related reagents
Synonyms	MOX1, NOH1
Specificity	Goat anti Human NADPH oxidase 1 antibody recognizes the NADPH oxidase 1, also known as NOX1, mitogenic oxidase 1, MOX1, NADH/NADPH mitogenic oxidase subunit P65-MOX or NOH1.

Encoded by the NOX1 gene, NADPH oxidase 1 is a member of the NADPH oxidase family of enzymes responsible for the catalytic one-electron transfer of oxygen to generate superoxide or hydrogen peroxide. Alternatively spliced transcript variants encoding multiple isoforms have been observed for NOX1 (provided by RefSeq, Nov 2012).

Goat anti Human NADPH Oxidase 1 antibody detects a band of 72 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti NOX1 detects a band of approximately 72 kDa in K562 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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