

Datasheet: VPA00110

BATCH NUMBER 091214

Description:	GOAT ANTI NADPH OXIDASE 1
Specificity:	NADPH OXIDASE 1
Other names:	NOX1
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
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
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Specificity	<p>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.</p> <p>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).</p> <p>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.</p>
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Western Blotting	Anti NOX1 detects a band of approximately 72 kDa in K562 cell lysates.
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References	1. Waghela, B.N. <i>et al.</i> (2021) Upregulation of NOX-2 and Nrf-2 Promotes 5-Fluorouracil Resistance of Human Colon Carcinoma (HCT-116) Cells. Biochemistry (Mosc). 86 (3): 262-74.
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Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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Guarantee	12 months from date of despatch
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Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
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Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/VPA00110 Antibody (10058)
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

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

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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