

Datasheet: AHP3022

Description:	GOAT ANTI NLRX1
Specificity:	NLRX1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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 ug/ml - 3 ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antisera to human NLRX1 were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution TRIS buffered saline

Preservative 0.02% Sodium Azide
Stabilisers 0.5% Bovine Serum Albumin

Approx. Protein Concentrations IgG concentration 0.5 mg/ml

Immunogen Peptide with sequence C-NFSGETLDSTPSN, from the internal region of the protein sequence according to NP_078894.2; NP_733840.1

External Database Links **UniProt:**

Entrez Gene:

[79671](#) NLRX1 [Related reagents](#)

Synonyms	NOD26, NOD5, NOD9
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Specificity	<p>Goat anti NLRX1 antibody recognizes NLR family member X1 (NLRX1), also known as caterpillar protein 11.3, NOD26, NOD5, and NOD9.</p> <p>NLRX1 is a member of the NLR family of pattern recognition receptors (PRRs), but is an atypical member due to its structure (Nagai-Singer et al. 2019). For example, it appears to be the only PRR family member with the ability to localize to mitochondria (Chu et al. 2019). However, NLRX1 appears to be ubiquitously expressed in human cells, and appears to have different functions depending on cell type (Nagai-Singer et al. 2019). NLRX1 appears to be a negative regulator of immune signaling during microbial infection, cancer, and autoimmune disease (Kastelberg et al. 2020). Consistent with mitochondrial localization, NLRX1 regulates the function of mitochondria during apoptosis and injury in the presence of TNF-alpha (Singh et al. 2019).</p>
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Western Blotting	Goat anti Human NLRX1 antibody detects a band of approximately 100 kDa in cell lysates
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Storage	Store at -20°C only. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP3022 10058
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [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
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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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