

## Datasheet: AHP3022

<b>Description:</b>	GOAT ANTI NLRX1
<b>Specificity:</b>	NLRX1
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to human NLRX1 were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative</b>	0.02% Sodium Azide
<b>Stabilisers</b>	0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Peptide with sequence C-NFSGETLDSTDPSN, from the internal region of the protein sequence according to NP_078894.2; NP_733840.1
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

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

<b>Synonyms</b>	NOD26, NOD5, NOD9
<b>Specificity</b>	<p><b>Goat anti NLRX1 antibody</b> 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 (<a href="#">Nagai-Singer et al. 2019</a>). For example, it appears to be the only PRR family member with the ability to localize to mitochondria (<a href="#">Chu et al. 2019</a>). However, NLRX1 appears to be ubiquitously expressed in human cells, and appears to have different functions depending on cell type (<a href="#">Nagai-Singer et al. 2019</a>). NLRX1 appears to be a negative regulator of immune signaling during microbial infection, cancer, and autoimmune disease (<a href="#">Kastelberg et al. 2020</a>). Consistent with mitochondrial localization, NLRX1 regulates the function of mitochondria during apoptosis and injury in the presence of TNF-alpha (<a href="#">Singh et al. 2019</a>).</p>
<b>Western Blotting</b>	Goat anti Human NLRX1 antibody detects a band of approximately 100 kDa in cell lysates
<b>Storage</b>	<p>This product is shipped at ambient temperature.</p> <p>Store at -20°C only.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10058 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP3022">https://www.bio-rad-antibodies.com/SDS/AHP3022</a> 10058
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

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