

Datasheet: AHP647

**BATCH NUMBER 290515**

<b>Description:</b>	GOAT ANTI HUMAN NCF1
<b>Specificity:</b>	NCF1
<b>Other names:</b>	Neutrophil cytosol factor 1
<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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			0.2ug/ml - 2ug/ml

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Mouse, Pig

Based on sequence similarity, is expected to react with: Bovine, Dolphin, Rat, Mouse, Rabbit

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

**Antiserum Preparation** Antisera to NCF1 were raised by repeated immunisations of goats with highly purified

antigen. Purified IgG was prepared from whole serum by affinity chromatography.

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<b>Buffer Solution</b>	TRIS buffered saline
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<b>Preservative</b>	0.02% Sodium Azide
<b>Stabilisers</b>	0.5% Bovine Serum Albumin

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<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
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<b>Immunogen</b>	Peptide sequence CSESTKRKLASAV corresponding to the C-terminus of NCF1 (NP_000256).
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<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P14598</a> <a href="#">Related reagents</a>
	<b>Entrez Gene:</b> <a href="#">653361</a> NCF1 <a href="#">Related reagents</a>

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<b>Synonyms</b>	NOXO2, SH3PXD1A
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<b>RRID</b>	AB_2150282
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<b>Specificity</b>	<b>Goat anti Human NCF1 antibody</b> recognizes neutrophil cytosolic factor 1 (NCF1), a 47 kDa cytosolic subunit of the multi-protein complex known as NADPH oxidase. Expression of NCF1 is restricted to granulocytes, monocytes and B lymphocytes. Defects in NCF1 have been reported to be a cause of autosomal recessive chronic granulomatous disease.
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<b>Western Blotting</b>	AHP647 detects a band of approximately 47kDa in U937 cell lysates. A minimum incubation time of 1 hour is recommended with this antibody.
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<b>References</b>	1. Davidson-Moncada, J. K. <i>et al.</i> (2002) Involvement of protein kinase D in Fc gamma-receptor activation of the NADPH oxidase in neutrophils. <a href="#">Biochem. J. 363: 95-103.</a>
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<b>Storage</b>	Store at +4°C or at -20°C if preferred.  This product should be stored undiluted.  Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10058 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP647">https://www.bio-rad-antibodies.com/SDS/AHP647</a> 10058
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## Related Products

### Recommended Secondary Antibodies

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

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

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