

Datasheet: AHP647

Description:	GOAT ANTI HUMAN NCF1
Specificity:	NCF1
Other names:	Neutrophil cytosol factor 1
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
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.

Buffer Solution	TRIS buffered saline
Preservative	<0.1% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Peptide sequence CSESTKRKLASAV corresponding to the C-terminus of NCF1 (NP_000256).
External Database Links	<p>UniProt: P14598 Related reagents</p> <p>Entrez Gene: 653361 NCF1 Related reagents</p>
Synonyms	NOXO2, SH3PXD1A
RRID	AB_2150282
Specificity	Goat anti Human NCF1 antibody 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.
Western Blotting	AHP647 detects a band of approximately 47kDa in U937 cell lysates. A minimum incubation time of 1 hour is recommended with this antibody.
References	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. Biochem. J. 363: 95-103.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: https://www.bio-rad-antibodies.com/SDS/AHP647 10058
Regulatory	For research purposes only

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

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

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

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