

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.
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 Stabilisers	0.02% Sodium Azide 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**

UniProt:

[P14598](#)

[Related reagents](#)

Entrez Gene:

[653361](#)

NCF1

[Related reagents](#)

Synonyms

NOXO2, SH3PXD1A

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. *et al.* (2002) Involvement of protein kinase D in Fc gamma-receptor activation of the NADPH oxidase in neutrophils. [Biochem. J. 363: 95-103.](#)

Storage

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.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation #10058 available at:
10058: <https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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