



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

<b>Product Number</b>	ARP58922_P050-Biotin
<b>Product Page</b>	<a href="http://www.avivasysbio.com/ncf4-antibody-c-terminal-region-biotin-arp58922-p050-biotin.html">www.avivasysbio.com/ncf4-antibody-c-terminal-region-biotin-arp58922-p050-biotin.html</a>
<b>Name</b>	NCF4 Antibody - C-terminal region : Biotin (ARP58922_P050-Biotin)
<b>Protein Size (# AA)</b>	348 amino acids
<b>Molecular Weight</b>	39kDa
<b>Conjugation</b>	Biotin
<b>NCBI Gene Id</b>	4689
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Neutrophil cytosolic factor 4, 40kDa
<b>Alias Symbols</b>	NCF, CGD3, P40PHOX, SH3PXD4
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">PSLRPLPLTSPSHGSLSHSKAPSGSQMSHNAVTSHQRPGWPGQPHSPFPH</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Description of Target</b>	NCF4 is a cytosolic regulatory component of the superoxide-producing phagocyte NADPH-oxidase, a multicomponent enzyme system important for host defense. It interacts primarily with neutrophil cytosolic factor 2 (NCF2/p67-phox) to form a complex with neutrophil cytosolic factor 1 (NCF1/p47-phox), which further interacts with the small G protein RAC1 and translocates to the membrane upon cell stimulation. This complex then activates flavocytochrome b, the membrane-integrated catalytic core of the enzyme system. The PX domain of this protein can bind phospholipid products of the PI(3) kinase, which suggests its role in PI(3) kinase-mediated signaling events. The phosphorylation of this protein was found to negatively regulate the enzyme activity. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
<b>Protein Interactions</b>	NCF2; UBC; CORO1A; MSN; CYBB; NCF1; CYBA; TXN; PRKCD; XRCC6; PRKDC;
<b>Reconstitution and Storage</b>	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-NCF4 (ARP58922_P050-Biotin) antibody</a>
<b>Blocking Peptide</b>	For anti-NCF4 (ARP58922_P050-Biotin) antibody is <a href="#">Catalog# AAP58922</a> (Previous Catalog# AAPP44869)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the C terminal region of human NCF4
<b>Uniprot ID</b>	<a href="#">A8K4F9</a>
<b>Protein Name</b>	Neutrophil cytosol factor 4
<b>Protein Accession #</b>	<a href="#">NP_038202</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_013416</a>
<b>Gene Symbol</b>	<a href="#">NCF4</a>
<b>Predicted Species Reactivity</b>	Human
<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)