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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58922_P050-HRP
Product Page	www.avivasysbio.com/ncf4-antibody-c-terminal-region-hrp-arp58922-p050-hrp.html
Name	NCF4 Antibody - C-terminal region : HRP (ARP58922_P050-HRP)
Protein Size (# AA)	348 amino acids
Molecular Weight	39kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	4689
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Neutrophil cytosolic factor 4, 40kDa
Alias Symbols	NCF, CGD3, P40PHOX, SH3PXD4
Peptide Sequence	Synthetic peptide located within the following region: PSLRPLPLTSPSHGSLSHSKAPSGSQMSHNAVTSHQRPGWPGQPHSPFPH
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	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.
Protein Interactions	NCF2; UBC; CORO1A; MSN; CYBB; NCF1; CYBA; TXN; PRKCD; XRCC6; PRKDC;
Reconstitution and Storage	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.
Datasheets/Manuals	Printable datasheet for anti-NCF4 (ARP58922_P050-HRP) antibody
Blocking Peptide	For anti-NCF4 (ARP58922_P050-HRP) antibody is Catalog# AAP58922 (Previous Catalog# AAPP44869)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human NCF4
Uniprot ID	A8K4F9
Protein Name	Neutrophil cytosol factor 4
Protein Accession #	NP_038202
Purification	Affinity Purified
Nucleotide Accession #	NM_013416
Gene Symbol	NCF4
Predicted Species Reactivity	Human
Application	WB
Predicted Homology Based on Immunogen Sequence	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.

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