

Rabbit NCF4 Polyclonal Antibody | anti-NCF4 antibody

NCF4 antibody

CATALOG # AAA301090	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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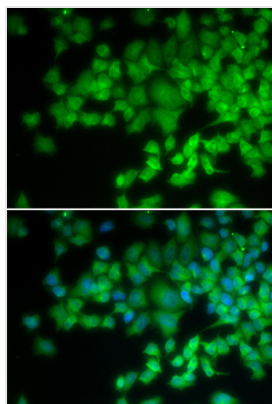
PRODUCT SYNONYMS

NCF4; Polyclonal Antibody; NCF4 antibody; MGC3810; NCF; P40PHOX; SH3PXD4; anti-NCF4 antibody

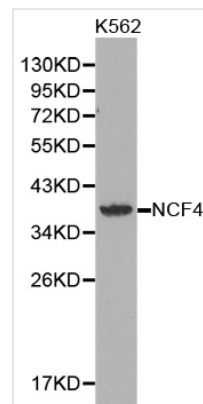
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NCF4 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	339
Applicable Applications for anti-NCF4 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NCF4.
Target Name	NCF4
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using NCF4 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of K562 cell lines, using NCF4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NCF4 antibody	The protein encoded by this gene is a cytosolic regulatory component of the superoxide-producing phagocyte NADPH-oxidase, a multicomponent enzyme system important for host defense. This protein is preferentially expressed in cells of myeloid lineage. 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. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-NCF4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	47519798
NCBI GeneID	4689
NCBI Accession #	NP_000622.2
NCBI GenBank Nucleotide #	NM_000631.4
UniProt Accession #	Q15080; O60808; Q86U56; Q9BU98; Q9NP45; A8K4F9
Molecular Weight	39,017 Da
NCBI Official Full Name	neutrophil cytosol factor 4 isoform 1
NCBI Official Synonym Full Names	neutrophil cytosolic factor 4, 40kDa
NCBI Official Symbol	NCF4
NCBI Official Synonym Symbols	NCF; P40PHOX; SH3PXD4
NCBI Protein Information	neutrophil cytosol factor 4
UniProt Protein Name	Neutrophil cytosol factor 4
UniProt Gene Name	NCF4
UniProt Synonym Gene Names	SH3PXD4; NCF-4; p40phox
UniProt Entry Name	NCF4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ncf4-antibody-immunofluorescence-western-blot-elisa/301090>