

Rabbit NCF2 Polyclonal Antibody | anti-NCF2 antibody

NCF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329513	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Bovine (100%), Horse (92%), Sheep (100%), Rabbit (92%), Dog (100%), Chicken (92%), Xenopus (82%)	ELISA, Western Blot

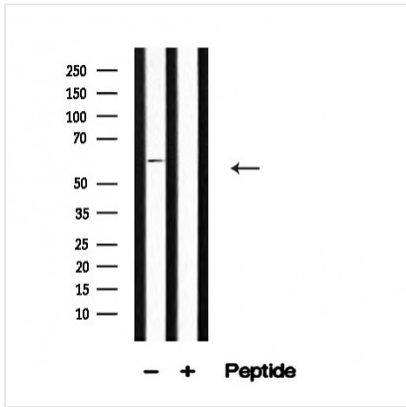
PRODUCT SYNONYMS

NCF2; Polyclonal Antibody; NCF2 Antibody; 67kDa neutrophil oxidase factor; Chronic granulomatous disease autosomal 2; FLJ93058; NADpHoxidase activator 2; NCF-2; Ncf2; NCF2_HUMAN; Neutrophil cytosol factor 2; Neutrophil cytosolic factor 2 (65kD; chronic granulomatous disease; autosomal 2); Neutrophil NADpHoxidase factor 2; NOXA2; P67 PHOX; p67-phox; p67phox; anti-NCF2 antibody

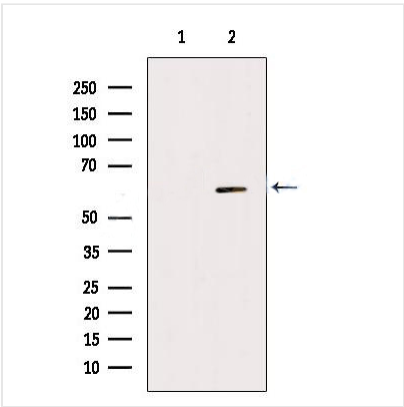
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig (100%), Bovine (100%), Horse (92%), Sheep (100%), Rabbit (92%), Dog (100%), Chicken (92%), Xenopus (82%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	NCF2 Antibody detects endogenous levels of total NCF2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NCF2 antibody	ELISA (Peptide ELISA), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NCF2, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Fragment	Fab fragment
Subunit Structure	Component of an NADpHoxidase complex composed of a heterodimer formed by the membrane proteins CYBA and CYBB and the cytosolic subunits NCF1, NCF2 and NCF4. Interacts with NCF4. Interacts (via the C-terminal SH3 domain) with NCF1 (via C-terminus). Interacts with SYTL1 and RAC1. May interact with NOXO1. Interacts with S100A8 and calprotectin (S100A8/9).
Similarity	The OPR/PB1 domain mediates the association with NCF4/p40-PHOX. Belongs to the NCF2/NOXA1 family.
Subcellular Location	Cytoplasm.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of NCF2 in lysates of THP-1, using NCF2 Antibody(AF4643).



WB (Western Blot)
Western blot analysis of extracts from MCF7 cells, using NCF2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NCF2 antibody	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADpHoxidase (necessary for superoxide production).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1346669
NCBI GeneID	4688
UniProt Accession #	P19878; Q2PP06; Q8NFC7; Q9BV51; B2R6Q1; B4DKQ7; B4DQA7; E9PHJ2; E9PHX3
Molecular Weight	59,762 Da
NCBI Official Full Name	Neutrophil cytosol factor 2
NCBI Official Synonym Full Names	neutrophil cytosolic factor 2
NCBI Official Symbol	NCF2
NCBI Official Synonym Symbols	NCF-2; NOXA2; P67PHOX; P67-PHOX
NCBI Protein Information	neutrophil cytosol factor 2; NADPH oxidase activator 2; 67 kDa neutrophil oxidase factor; neutrophil NADPH oxidase factor 2; chronic granulomatous disease, autosomal 2; neutrophil cytosolic factor 2 (65kD, chronic granulomatous disease, autosomal 2)
UniProt Protein Name	Neutrophil cytosol factor 2
UniProt Gene Name	NCF2
UniProt Synonym Gene Names	NOXA2; P67PHOX; NCF-2
UniProt Entry Name	NCF2_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/ncf2-antibody-peptide-elisa-western-blot-elisa/329513>