



Human NCF1 blocking peptide (CDBP1980)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-NCF1/p47phox antibody
Antigen Description	The protein encoded by this gene is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase. This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in this gene have been associated with chronic granulomatous disease. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	NCF1 neutrophil cytosolic factor 1 [Homo sapiens]
Official Symbol	NCF1
Synonyms	NCF1; neutrophil cytosolic factor 1; neutrophil cytosolic factor 1 (47kD, chronic granulomatous disease, autosomal 1); neutrophil cytosol factor 1; chronic granulomatous disease; autosomal 1; NADPH oxidase organizer 2; NCF1A; NOXO2; p47phox; SH3PXD1A; NCF-1; NCF-47K; p47-phox; nox organizer 2; nox-organizing protein 2; 47 kDa neutrophil oxidase factor;

neutrophil NADPH oxidase factor 1; SH3 and PX domain-containing protein 1A; 47 kDa
autosomal chronic granulomatous disease protein; neutrophil cytosolic factor 1, (chronic
granulomatous disease, autosomal 1); FLJ79451;

Entrez Gene ID	653361
mRNA Refseq	NM_000265
Protein Refseq	NP_000256
UniProt ID	P14598
Chromosome Location	7q11.23
Pathway	Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; Leishmaniasis, organism-specific biosystem; Leishmaniasis, conserved biosystem; Leukocyte transendothelial migration, organism-specific biosystem;
Function	GTP binding; GTPase activity; SH3 domain binding; electron carrier activity; phosphatidylinositol binding; protein binding; superoxide-generating NADPH oxidase activity;