

兔抗 NCF1 多克隆抗体

中文名称：兔抗 NCF1 多克隆抗体

英文名称：Anti-NCF1 rabbit polyclonal antibody

别名：NCF1; FLJ79451; NCF1A; NOXO2; SH3PXD1A; p47phox

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

抗原：NCF1

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

The phagocytic NADPH oxidase is a multiprotein enzyme that catalyzes the reduction of oxygen to superoxide in response to pathogenic invasion. The NADPH oxidase consists of 6 subunits, including the membrane-bound p91 phox and p22 phox heterodimers (also known as cytochrome b558), the cytosolic complex of p40phox, p47phox and p67phox, and the small GTPase Rac2. Activation of NADPH oxidase is initiated by cytosolic complex phosphorylation, which induces a conformational change that leads to the translocation of the cytosolic complex to the membrane and formation of an active enzyme with cytochrome b558. Defects in p47phox, often resulting from recombination between p47phox and a nearby homologous pseudogene, cause chronic granulomatous disease. Elevated oxidative stress due to

	increased myocardial NADPH oxidase activity may be a contributing factor in heart failure.
Applications:	WB
Name of antibody:	NCF1
Immunogen:	Fusion protein of human NCF1
Full name:	neutrophil cytosolic factor 1
Synonyms :	NCF1; FLJ79451; NCF1A; NOXO2; SH3PXD1A; p47phox
SwissProt:	P14598
WB Predicted band size:	45 kDa
WB Positive control:	T470 cells
WB Recommended dilution:	500-2000

