

## NOXA2 polyclonal antibody

Catalog: BS90959

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The heredity disease chronic granulomatous disease (CGF) has been linked to mutations in p47phox and p67phox. The cytosolic proteins p47phox and p67phox, also designated neutrophil cytosol factor 1(NCF1) and NCF2, respectively, are required for activation of the superoxide-producing NADPH oxidase in neutrophils and other phagocytic cells. During activation of the NADPH oxidase, p47phox and p67phox migrate to the plasma membrane where they associate with cytochrome b558 and the small G protein Rac to form the functional enzyme complex. Both p47phox and p67phox contain two Src homology 3 (SH3) domains. The C-terminal SH3 domain of p67phox has been shown to interact with the proline rich domain of p47phox, suggesting that p47phox may facilitate the transport of p67phox to the membrane.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

60/47 kDa

### Swiss-Prot:

P19878(Human) O70145(Mouse) A7E3N2(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:500

IHC:1:50-1:200

IP:1:10-1:50

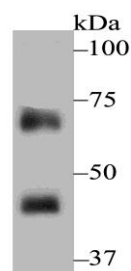
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

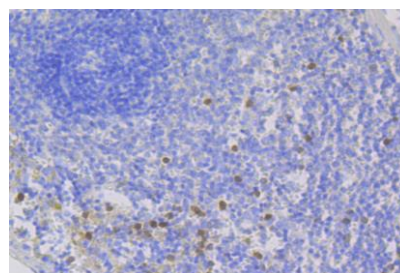
### Specificity:

NOXA2 polyclonal antibody detects endogenous levels of NOXA2 protein.

### DATA:



Western blot analysis of NOXA2 on rat spleen tissue lysate using anti-NOXA2 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded rat spleen tissue using anti-NOXA2 antibody. Counter stained with hematoxylin.

### Note:

For research use only, not for use in diagnostic procedure.

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