

# NOXA2 / P67phox Rabbit Polyclonal Antibody



CAB1178

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

68kDa

### Calculated MW:

47kDa/50kDa/54kDa/59kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse

## Protein Background

This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Immunogen information

### Gene ID:

4688

### Uniprot

P19878

### Synonyms:

NCF2; NCF-2; NOXA2; P67-PHOX; P67PHOX

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

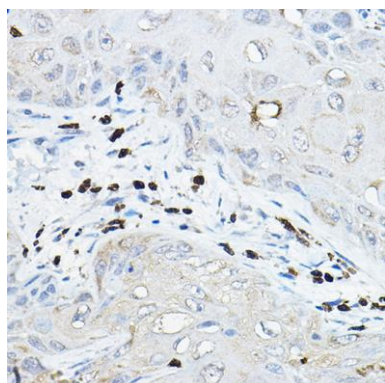
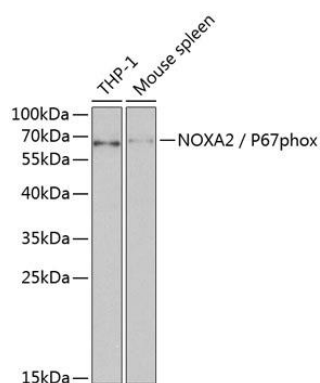
Recombinant fusion protein containing a sequence corresponding to amino acids 227-526 of human NOXA2 / P67phox (NP\_000424.2).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using NOXA2 / P67phox antibody (CAB1178) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

Immunohistochemistry of paraffin-embedded human esophageal cancer using NOXA2 / P67phox Rabbit pAb (CAB1178) at dilution of 1:100 (40x lens).