

# Anti-p47 phox (Ab-359) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A200121-01	50 µl
A200121-02	100 µl

<b>Specificity</b>	Anti- p47 phox (Ab-359) (human)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA IHC
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** P14598

**Other Names:** 47 kDa autosomal chronic granulomatous disease protein; 47 kDa neutrophil oxidase factor; NCF-1; NCF-47K; NCF1; Neutrophil cytosol factor 1; Neutrophil cytosolic factor 1; Neutrophil NADPH oxidase factor 1; P47 phox; p47-phox

## Specificity and Sensitivity

p47 phox (Ab-359) antibody detects endogenous levels of total p47 phox protein.

## Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human p47 phox around the phosphorylation site of serine 359 (Q-R-S<sup>P</sup>-K-P).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:1000

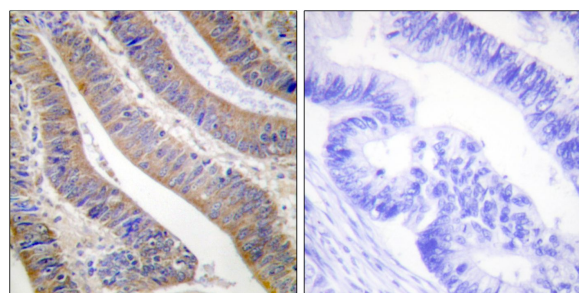
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Storage Instructions

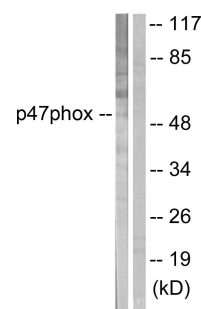
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images



Peptide - +

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using p47 phox (Ab-359) antibody.



Peptide - +

Western blot analysis of extracts from 293 cells, using p47 phox (Ab-359) antibody.