

Anti-Neutrophil Cytosol Factor 1 (Ab-304) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A200119-01	50 µl
A200119-02	100 µl

Specificity	Anti-Neutrophil Cytosol Factor 1 (Ab-304) (human)
Source	Rabbit Polyclonal
Application	WB ELISA IF
Form	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 NADPH oxidase factor 1, Neutrophil cytosol factor 1, Neutrophil cytosolic factor 1, P47 phox, p47-phox

Specificity and Sensitivity

Neutrophil Cytosol Factor 1 (Ab-304) antibody detects endogenous levels of total Neutrophil Cytosol Factor 1 protein.

Source and Purification

The antiserum was produced against synthesized non-phosphopeptide derived from human Neutrophil Cytosol Factor 1 around the phosphorylation site of serine 304 (R-S-S^P-I-R).

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 IF: 1:100~1:500 ELISA: 1:20000

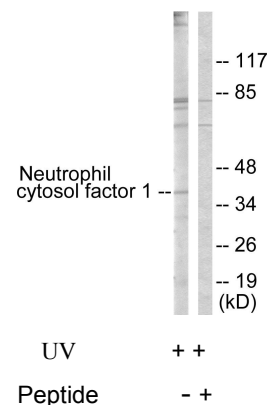
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

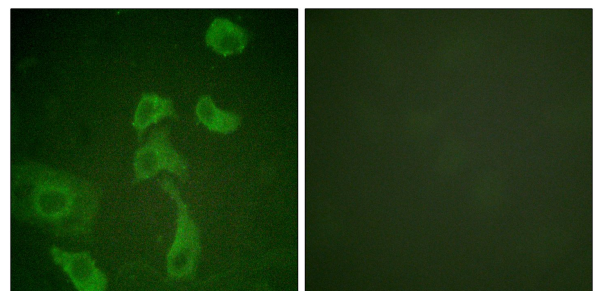
Storage Instructions

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



Western blot analysis of extracts from COS7 cells, treated with UV (15mins), using Neutrophil Cytosol Factor 1 (Ab-304) antibody.



Peptide - +

Immunofluorescence analysis of HeLa cells, using Neutrophil Cytosol Factor 1 (Ab-304) antibody.