

Datasheet for ABIN750643  
**anti-NCF1 antibody (AA 151-250)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	NCF1
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Flow Cytometry (FACS)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NCF1
Isotype:	IgG
Cross-Reactivity:	Horse, Human, Mouse
Predicted Reactivity:	Rat,Dog
Purification:	Purified by Protein A.

## Target Details

Target:	NCF1
Alternative Name:	NCF1/p47 phox ( <a href="#">NCF1 Products</a> )

## Target Details

Background: Synonyms: NCF1A, NOXO2, p47phox, SH3PXD1A, Neutrophil cytosol factor 1, NCF-1, 47 kDa autosomal chronic granulomatous disease protein, 47 kDa neutrophil oxidase factor, NCF-47K, Neutrophil NADPH oxidase factor 1, Nox organizer 2, Nox-organizing protein 2, SH3 and PX domain-containing protein 1A, p47-phox, NCF1

Background: NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).

Gene ID: 653361

UniProt: [P14598](#)

Pathways: [PI3K-Akt Signaling](#)

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
FCM 1:20-100  
IHC-P 1:200-400  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

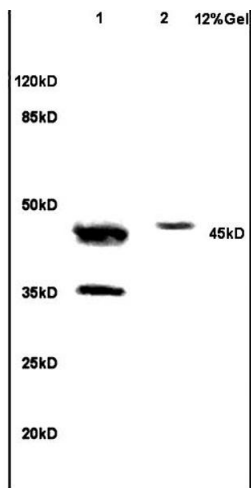
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

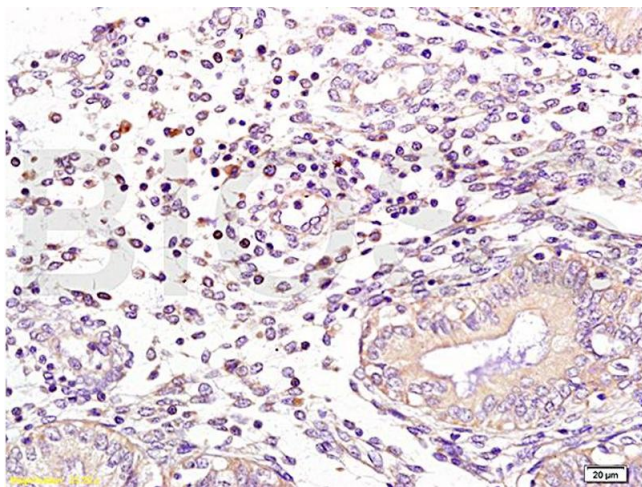
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



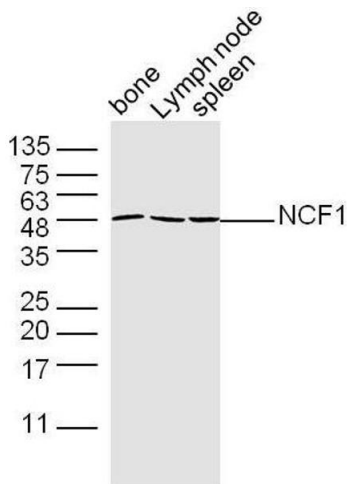
### SDS-PAGE

**Image 1.** Lane 1: human colon carcinoma lysates Lane 2: mouse brain lysates probed with Anti NCF1/p47 phox Polyclonal Antibody, Unconjugated (ABIN750643) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 45kD. Observed band size: 45kD



### Immunohistochemistry

**Image 2.** Formalin-fixed and human endometrium tissue labeled with Anti-NCF1/p47 phox Polyclonal Antibody, Unconjugated (ABIN750643) at 1:100 followed by conjugation to the secondary antibody and DAB staining



### Western Blotting

**Image 3.** Mouse bone, lymph node, and spleen lysates probed with Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 90 minutes at 37°C.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN750643.