



Datasheet for ABIN7303436
anti-NCF1 antibody (C-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	NCF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Monkey, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p47 phox.
Specificity:	Recognizes endogenous levels of p47 phox protein.
Characteristics:	Rabbit polyclonal antibody to p47 phox
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	NCF1
Alternative Name:	p47 Phox (NCF1 Products)

Target Details

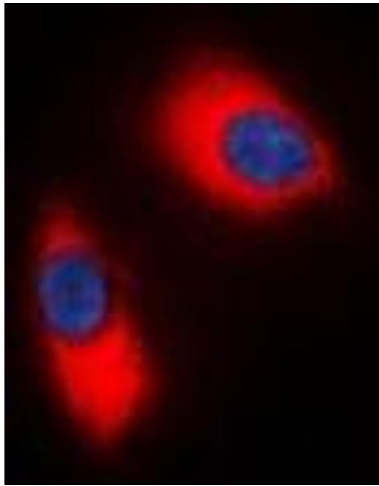
Background:	NOXO2, SH3PXD1A, Neutrophil cytosol factor 1, NCF-1, 47 kDa autosomal chronic granulomatous disease protein, 47 kDa neutrophil oxidase factor, NCF-47K, Neutrophil NADPH oxidase factor 1, Nox organizer 2, Nox-organizing protein 2, SH3 and PX domain-containing protein 1A, p47-phox
Gene ID:	653361, 17969
UniProt:	P14598 , Q09014
Pathways:	PI3K-Akt Signaling

Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

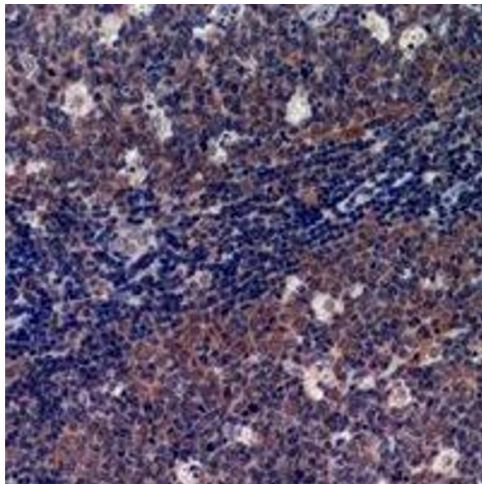
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



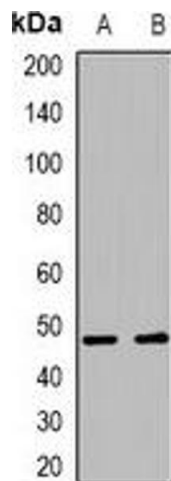
Immunofluorescence

Image 1. Immunofluorescent analysis of p47 phox staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary anti



Immunohistochemistry

Image 2. Immunohistochemical analysis of p47 phox staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with t



Western Blotting

Image 3. Western blot analysis of p47 phox expression in Jurkat (A), THP1 (B) whole cell lysates.