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Datasheet for ABIN7161502
anti-NCF4 antibody (AA 136-239)

2 Images

Overview

Quantity:	100 µg
Target:	NCF4
Binding Specificity:	AA 136-239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCF4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Neutrophil cytosol factor 4 protein (136-239AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NCF4
Alternative Name:	NCF4 (NCF4 Products)
Background:	Background: Component of the NADPH-oxidase, a multicomponent enzyme system responsible for the oxidative burst in which electrons are transported from NADPH to molecular

Target Details

oxygen, generating reactive oxidant intermediates. It may be important for the assembly and/or activation of the NADPH-oxidase complex.

Aliases: CGD3 antibody, MGC3810 antibody, NCF 4 antibody, NCF antibody, NCF-4 antibody, Ncf4 antibody, NCF4_HUMAN antibody, Neutrophil cytosol factor 4 antibody, Neutrophil cytosolic factor 4 antibody, Neutrophil NADPH oxidase factor 4 antibody, p40-phox antibody, p40phox antibody, SH3 and PX domain-containing protein 4 antibody, SH3PXD4 antibody

UniProt: [Q15080](#)

Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

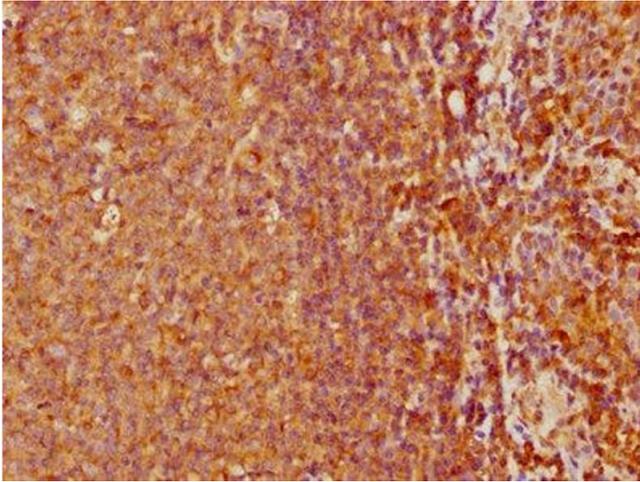
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

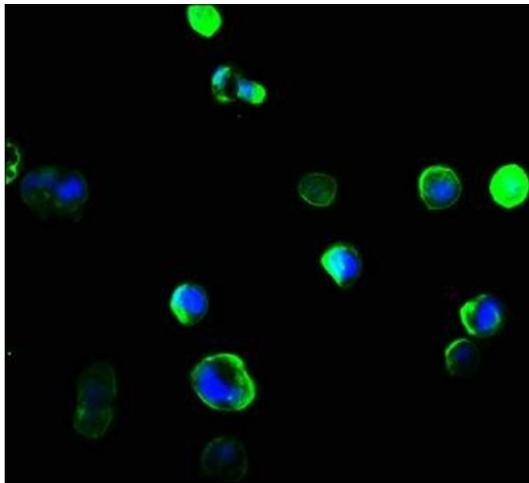
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7161502 diluted at 1:500 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of MCF-7 cells with ABIN7161502 at 1:166, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).