

## NCF1C rabbit pAb

## Cat No.:ES14543

For research use only

## Overview

Product NameNCF1C rabbit pAbHost speciesRabbitApplicationsWBSpecies Cross-ReactivityHuman;Rat;Mouse;Recommended dilutionsWB 1: 500-2000ImmunogenSynthesized peptide derived from human NCF1C AA range: 100-150SpecificityThis antibody detects endogenous levels of NCF1C at HumanFormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.StorageStore at -20°C. Avoid repeated freeze-thaw cycles.Protein NameNCF1CGene NameNCF1C SH3PXD1CCellular localizationCytoplasm .PurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.ClonalityPolyclonalObserved bandASMVU1Human Swiss-Prot NumberASMVU1Alternative NamesThe neutrophil cytosolic factor 1 (NCF1) gene encodes the 47 kDa cytosolic subunit of neutrophil NADPH oxidase, which produces superoxide anion. The NCF1 gene is located in close proximity to two
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highly similar, multi-exon pseudogenes at
chromosome 7q11.23, corresponding to this gene
record and GeneID:654816. The two pseudogenes
contain a dinucleotide deletion (delta-GT) in exon 2 that results in a frameshift and truncation of the



+86-27-59760950

ELKbio@ELKbiotech.com

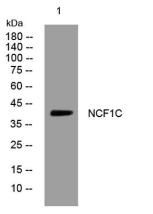
www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



open reading frame, and neither pseudogene is likely to express a protein. Recombination events between the pseudogenes and the functional NCF1 gene can inactivate the NCF1 gene and result in chronic granulomatous disease. [provided by RefSeq, Nov 2009],

Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4° over night





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