

## **Product datasheet for TA302677**

## OriGene Technologies, Inc.

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## **NCF1 Goat Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: IHC, WB

Recommended Dilution: ELISA:1:20000. WB:0.5-1.5µg/ml.IHC:5µg/ml

**Reactivity:** Human (Expected from sequence similarity: Mouse, Rat, Rabbit, Pig, Cow)

Host: Goat Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Peptide with sequence C-SESTKRKLASAV, from the C Terminus of the protein sequence

according to NP\_000256.3.

**Formulation:** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

**Purification:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02%

sodium azide, pH7.3 with 0.5% bovine serum albumin.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

**Predicted Protein Size:** 44.5 kDa

**Gene Name:** neutrophil cytosolic factor 1

Database Link: NP 000256

Entrez Gene 17969 MouseEntrez Gene 114553 RatEntrez Gene 653361 Human

P14598

**Background:** The protein encoded by this gene is a 47 kDa cytosolic subunit of neutrophil NADPH oxidase.

This oxidase is a multicomponent enzyme that is activated to produce superoxide anion. Mutations in this gene have been associated with chronic granulomatous disease. [provided

by RefSeq1

Synonyms: NCF1A; NOXO2; p47phox; SH3PXD1A

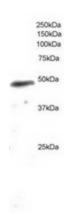




**Protein Pathways:** 

Chemokine signaling pathway, Fc gamma R-mediated phagocytosis, Leukocyte transendothelial migration, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton

## **Product images:**



TA302677 staining (0.2ug/ml) of U937 lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.