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# Product datasheet for TA302677

## 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<br>Entrez Gene 17969 MouseEntrez Gene 114553 RatEntrez Gene 653361 Human<br>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 RefSeq] |
| **Synonyms:** | NCF1A; NOXO2; p47phox; SH3PXD1A |

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**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.