

DNAxPAb

Hard-to-Find  
Antibody

# NCF1 DNAxPAb

Catalog # H00653361-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human NCF1 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                   |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sequence                | MGDTFIRHIALLGFEKRFVPSQHVVYVFLVKWQDLSEKVVYRRFTEIYEFHKTLEKEMFPIEAGAINP<br>ENRIIPHLPAKWFDDGQRAAENRQGTLEYCSTLMSLPTKISRCPHLLDFFKVRPDDLKLPDNTQT<br>KKPETYLMKDGKSTATDITGPIILQTYRAIANYEKTSGSEMASTGDVVEVVEKSESSEGWVFCQMK<br>AKRGWIPASFLEPLDSPDETEDPEPNYAGEPYVAIKAYTAVEGDEVSLLEGEAVEVIHKLLDGWW<br>VIRKDDVTGYFPSMYLQKSGQDVSAQQRQIKRGAPRRSSIRNAHSIHQSRKRLSQDAYRRNSV<br>RFLQQRRRQARPGPQSPGSPLEERQTQRSKPQPAVPPRPSADLILNRCSESTKRKLASAV |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                               |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                 |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                       |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — NCF1

|                     |                                                                                                                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">653361</a>                                                                                                                                                                                                                                                                  |
| GeneBank Accession# | <a href="#">DQ893150.2</a>                                                                                                                                                                                                                                                              |
| Protein Accession#  | <a href="#">ABM84076.1</a>                                                                                                                                                                                                                                                              |
| Gene Name           | NCF1                                                                                                                                                                                                                                                                                    |
| Gene Alias          | FLJ79451, NCF1A, NOXO2, SH3PXD1A, p47phox                                                                                                                                                                                                                                               |
| Gene Description    | neutrophil cytosolic factor 1                                                                                                                                                                                                                                                           |
| Omim ID             | <a href="#">233700</a> <a href="#">608512</a>                                                                                                                                                                                                                                           |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                               |
| Gene Summary        | 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] |
| Other Designations  | NADPH oxidase organizer 2                                                                                                                                                                                                                                                               |

## Pathway

- [Chemokine signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Leukocyte transendothelial migration](#)

## Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cerebral Infarction](#)

- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Granulomatous Disease](#)
- [Lung Diseases](#)
- [Malaria](#)
- [Multiple Sclerosis](#)
- [Mycobacterium Infections](#)
- [Pneumonia](#)
- [Sarcoidosis](#)
- [Stroke](#)
- [Tuberculosis](#)