

## Rabbit p40 phox Polyclonal Antibody | anti-p40phox antibody

Rabbit anti-p40 phox Antibody

|                               |                       |                                         |                                                           |
|-------------------------------|-----------------------|-----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA221435</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Pig, Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------------|-----------------------------------------------------------|

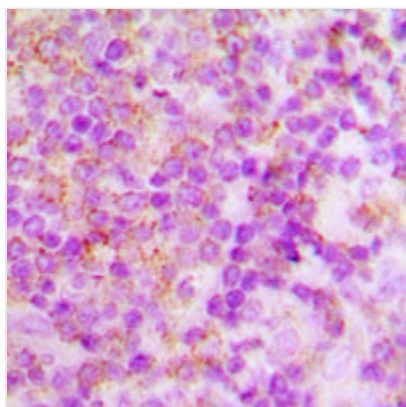
### PRODUCT SYNONYMS

p40 phox; Polyclonal Antibody; Rabbit anti-p40 phox Antibody; SH3PXD4; Neutrophil cytosol factor 4; NCF-4; Neutrophil NADPH oxidase factor 4; SH3 and PX domain-containing protein 4; p40-phox; p40phox; anti-p40phox antibody

### PRODUCT SPECIFICATIONS

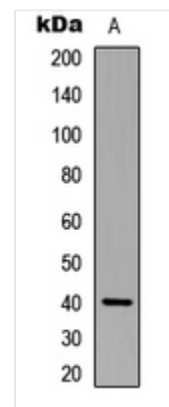
|                                                   |                                                                                                                                         |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                  |
| Reactivity                                        | Human, Pig, Rabbit                                                                                                                      |
| Clonality                                         | Polyclonal                                                                                                                              |
| Purity/Purification                               | The antibody was purified by immunogen affinity chromatography.                                                                         |
| Form/Format                                       | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                               |
| Concentration                                     | 1mg/mL (varies by lot)                                                                                                                  |
| Applicable Applications for anti-p40phox antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                           |
| Immunogen                                         | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human p40 phox. The exact sequence is proprietary. |
| Preparation and Storage                           | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                               |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of p40 phox staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of p40 phox expression in MCF7 (A) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                    |
|-----------------------------------------------------|--------------------|
| Product Categories/Family for anti-p40phox antibody | Primary antibodies |
|-----------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 47519798                                                                                                                |
| NCBI GeneID                      | 4689                                                                                                                    |
| NCBI Accession #                 | NP_000622.2                                                                                                             |
| NCBI GenBank Nucleotide #        | NM_000631.4                                                                                                             |
| UniProt Accession #              | Q15080; P97369                                                                                                          |
| Molecular Weight                 | 39,032 Da                                                                                                               |
| NCBI Official Full Name          | neutrophil cytosol factor 4 isoform 1                                                                                   |
| NCBI Official Synonym Full Names | neutrophil cytosolic factor 4, 40kDa                                                                                    |
| NCBI Official Symbol             | NCF4                                                                                                                    |
| NCBI Official Synonym Symbols    | NCF; P40PHOX; SH3PXD4                                                                                                   |
| NCBI Protein Information         | neutrophil cytosol factor 4; NCF-4; p40-phox; neutrophil NADPH oxidase factor 4; SH3 and PX domain-containing protein 4 |
| UniProt Protein Name             | Neutrophil cytosol factor 4                                                                                             |
| UniProt Gene Name                | <b>NCF4</b>                                                                                                             |
| UniProt Synonym Gene Names       | SH3PXD4; NCF-4; p40phox                                                                                                 |
| UniProt Entry Name               | NCF4_HUMAN                                                                                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/p40-phox-antibody-immunohistochemistry-western-blot-elisa/221435>