

Datasheet for ABIN7443122
anti-NOX3 antibody (AA 221-466)



[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | NOX3 |
| Binding Specificity: | AA 221-466 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This NOX3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

| | |
|---------------|--|
| Purpose: | Polyclonal Antibody to Nicotinamide Adenine Dinucleotide Phosphate Oxidase 3 (NOX3) |
| Immunogen: | Recombinant Nicotinamide Adenine Dinucleotide Phosphate Oxidase 3 (NOX3) corresponding to Gly221~Gln466 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against NOX3. It has been selected for its ability to recognize NOX3 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|---------|------|
| Target: | NOX3 |
|---------|------|

Target Details

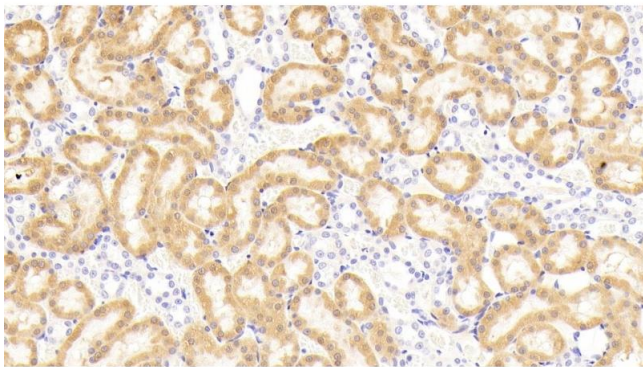
| | |
|-------------------|---|
| Alternative Name: | NOX3 (NOX3 Products) |
| Background: | GP91-3, MOX-2, NADPH Oxidase 3, Mitogenic oxidase 2, gp91phox homolog 3 |
| UniProt: | Q672K1 |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL, 1:290-1160, Immunohistochemistry: 5-20 µg/mL, 1:29-116, Immunocytochemistry: 5-20 µg/mL, 1:29-116, Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

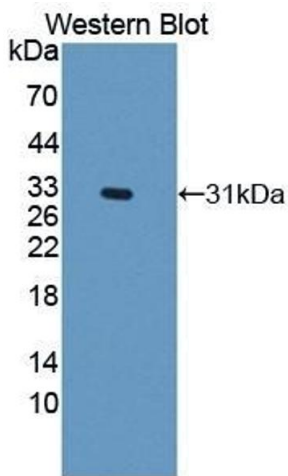
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



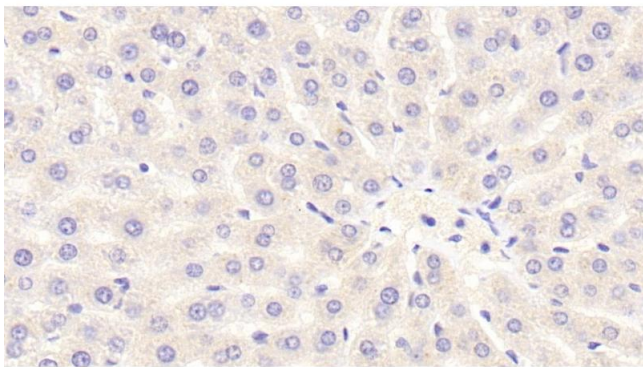
Immunohistochemistry

Image 1. Detection of NOX3 in Rat Kidney Tissue using Polyclonal Antibody to Nicotinamide Adenine Dinucleotide Phosphate Oxidase 3 (NOX3)



Western Blotting

Image 2. Detection of Recombinant NOX3, Rat using Polyclonal Antibody to Nicotinamide Adenine Dinucleotide Phosphate Oxidase 3 (NOX3)



Immunohistochemistry

Image 3. Detection of NOX3 in Rat Liver Tissue using Polyclonal Antibody to Nicotinamide Adenine Dinucleotide Phosphate Oxidase 3 (NOX3)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7443122.