

# Product Datasheet

## NOX3 Antibody - BSA Free

### NBP2-41292

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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#### Publications: 1

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Updated 10/23/2024 v.20.1

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**NBP2-41292**

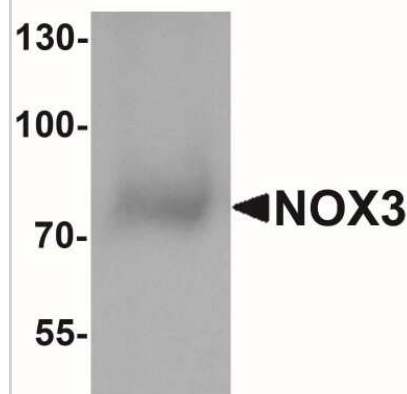
NOX3 Antibody - BSA Free

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.1 mg   |
| Concentration               | 1 mg/ml  |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.   |
| Clonality                   | Polyclonal   |
| Preservative                | 0.02% Sodium Azide   |
| Isotype                     | IgG  |
| Purity                      | Peptide affinity purified  |
| Buffer                      | PBS  |
| Target Molecular Weight     | 72 kDa   |
| Product Description         |  |
| Host                        | Rabbit   |
| Gene ID                     | 50508  |
| Gene Symbol                 | NOX3   |
| Species                     | Human, Mouse   |
| Specificity/Sensitivity     | NOX3 is predicted to not cross-react with other NOX proteins.  |
| Immunogen                   | Antibody was raised against a 15 amino acid peptide near the amino terminus of human NOX3. The immunogen is located within amino acids 110 - 160 of NOX3. Amino Acid Sequence: NLERYHWSQSEEAQG |
| Product Application Details |  |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml   |

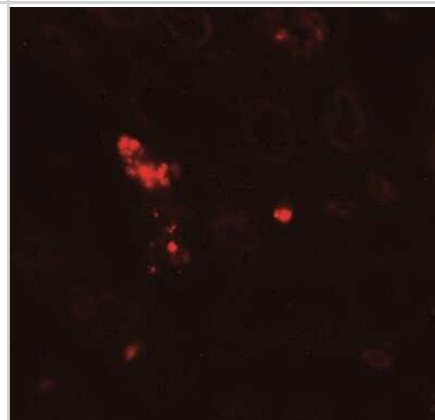


## Images

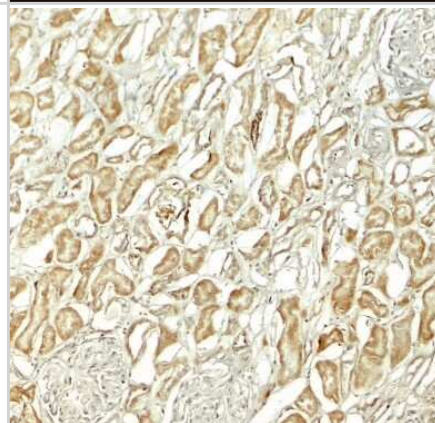
Western Blot: NOX3 Antibody [NBP2-41292] - Analysis of NOX3 in 293 cell lysate with NOX1 antibody at 1 ug/ml.



Immunocytochemistry/Immunofluorescence: NOX3 Antibody [NBP2-41292] - Human kidney tissue with NOX3 antibody at 20 ug/ml.



Immunohistochemistry-Paraffin: NOX3 Antibody [NBP2-41292] - Human kidney tissue with NOX3 antibody at 5 ug/ml.



## Publications

Poinsignon L, Chissey A, Ajjaji A et al. Placental cartography of NADPH oxidase (NOX) family proteins: Involvement in the pathophysiology of preeclampsia Archives of biochemistry and biophysics 2023-10-20 [PMID: 37866451] (Immunohistochemistry, Western Blot, Human)



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### **Products Related to NBP2-41292**

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|               |   |
|---------------|---|
| NBP2-41292PEP | NOX3 Antibody Blocking Peptide                      |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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