

Product Datasheet

ACE-2 Antibody - BSA Free

NBP1-76611

Unit Size: 0.1 mg

Store at 4C.

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NBP1-76611

ACE-2 Antibody - BSA Free

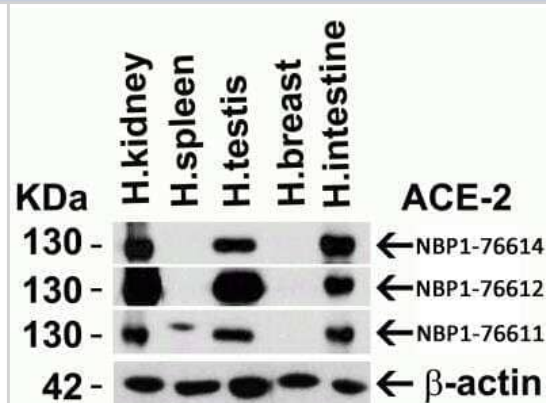
| Product Information | |
|-------------------------|---------------------------|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Peptide affinity purified |
| Buffer | PBS |
| Target Molecular Weight | 90 kDa |

| Product Description | |
|-------------------------|---|
| Host | Rabbit |
| Gene ID | 59272 |
| Gene Symbol | ACE2 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (86%) |
| Specificity/Sensitivity | Anti-ACE2 has no cross response to ACE1. |
| Immunogen | Antibody was raised against a peptide corresponding to 14 amino acids near the amino terminus of human ACE-2. The immunogen is located within the first 50 amino acids of ACE-2. Amino Acid Squence: QSTIEEQAKTFLDK |

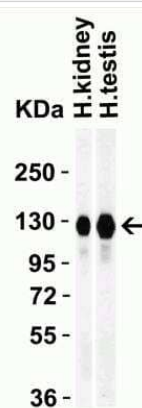
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1-2 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 2 ug/ml |

Images

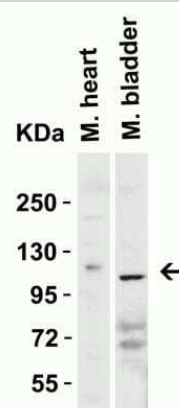
Western Blot: ACE-2 Antibody [NBP1-76611] - Independent Antibody Validation (IAV) via Protein Expression Profile in Human Tissues. Loading: 15 ug of lysates per lane. Antibodies: ACE2, NBP1-76614 (2 ug/mL), ACE2, NBP1-76612 (2 ug/mL), ACE2, NBP1-76611 (2 ug/mL) and beta-actin NBP1-76692 (1 ug/ml).



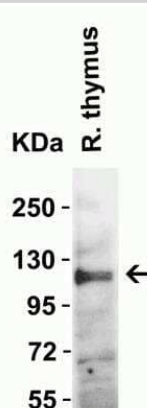
Western Blot: ACE-2 Antibody [NBP1-76611] - Loading: 15 ug of lysates per lane. Antibodies: ACE2, (1 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



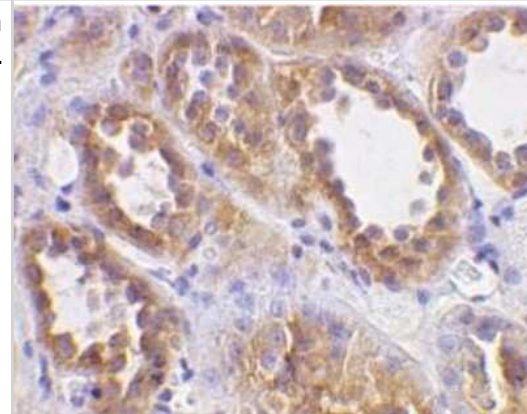
Western Blot: ACE-2 Antibody [NBP1-76611] - Loading: 15 ug of lysates per lane. Antibodies: ACE2, (2 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



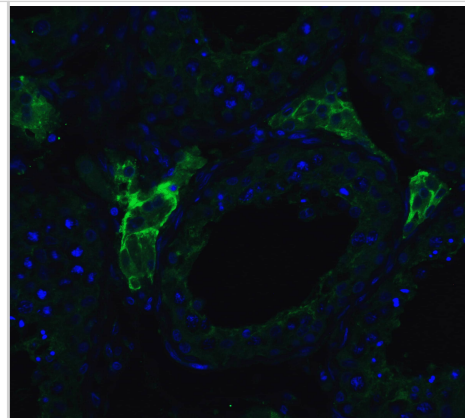
Western Blot: ACE-2 Antibody [NBP1-76611] - Loading: 15 ug of lysates per lane. Antibodies: ACE2, (2 ug/mL), 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



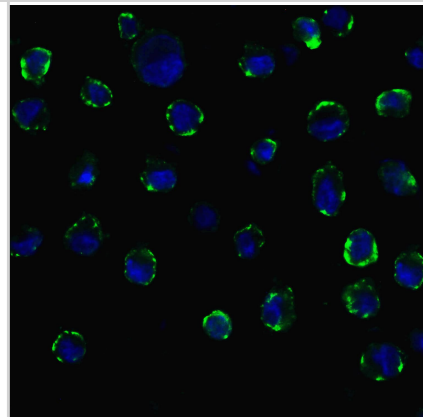
Immunohistochemistry-Paraffin: ACE-2 Antibody [NBP1-76611] - Human kidney cells using Angiotensin Converting Enzyme 2 antibody at 2 ug/ml.



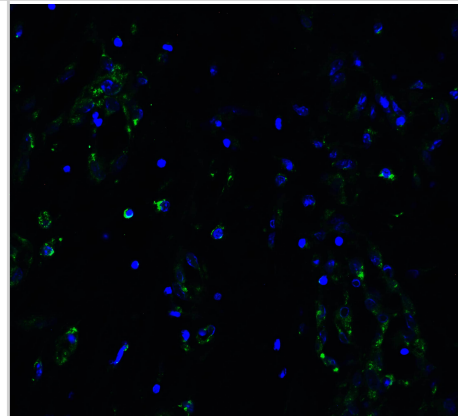
Immunocytochemistry/ Immunofluorescence: ACE-2 Antibody - BSA Free [NBP1-76611] - Validation of ACE-2 in Human Testis Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed human testis tissue labeling ACE-2 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



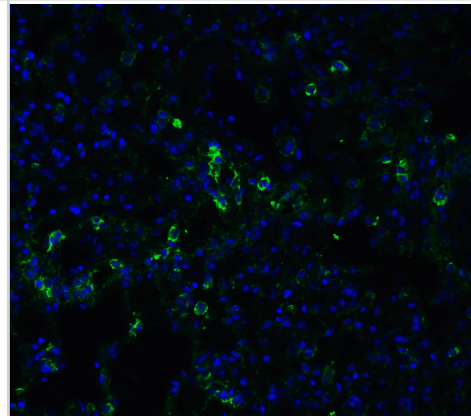
Immunocytochemistry/ Immunofluorescence: ACE-2 Antibody - BSA Free [NBP1-76611] - Validation of ACE-2 In Caco2 Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed Caco2 cells labeling ACE-2 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue). Image showing membrane staining on Caco2 cells.



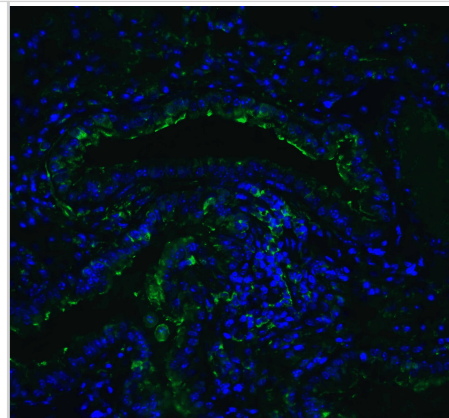
Immunocytochemistry/ Immunofluorescence: ACE-2 Antibody - BSA Free [NBP1-76611] - Validation of ACE-2 in Human Lung Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed human lung tissue labeling ACE-2 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



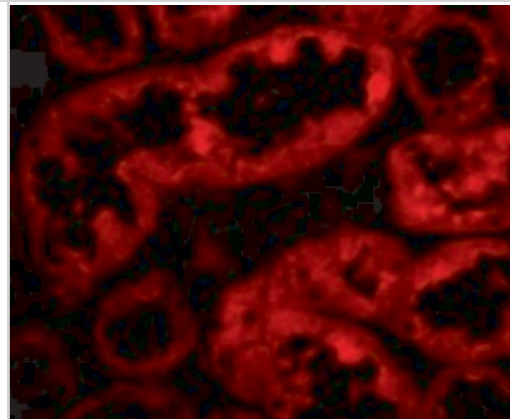
Immunocytochemistry/ Immunofluorescence: ACE-2 Antibody - BSA Free [NBP1-76611] - Validation of ACE-2 in Rat Lung Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed rat lung tissue labeling ACE-2 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunocytochemistry/ Immunofluorescence: ACE-2 Antibody - BSA Free [NBP1-76611] - Validation of ACE-2 in Mouse Lung Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse lung tissue labeling ACE-2 at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



Immunocytochemistry/ Immunofluorescence: ACE-2 Antibody - BSA Free [NBP1-76611] - Validation of ACE-2 in Human Kidney Cells. Immunofluorescent analysis of 4% paraformaldehyde-fixed human kidney cells labeling ACE-2 at 10 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).





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Products Related to NBP1-76611

| | |
|---------------|---|
| NBP1-76611PEP | ACE-2 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 |

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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